

NEWFIELD



October 21, 2004

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Jonah Federal 13-14-9-16, 14-14-9-16, 16-14-9-16 and Federal 4-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
OCT 25 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-096547

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A Jonah

8. Lease Name and Well No.
Jonah Federal 13-14-9-16

9. API Well No.
43-013-32696

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/SW Sec. 14, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface SW/SW 484' FSL 688' FWL 577402 X 40.024883
At proposed prod. zone 4430703 -110.092928

14. Distance in miles and direction from nearest town or post office*
Approximatley 24.8 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 484' f/lse, 484' f/unit

16. No. of Acres in lease
600.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1,019'

19. Proposed Depth
6000'

20. BLM/BIA Bond No. on file
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5758' GL

22. Approximate date work will start*
1st Quarter 2005

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
10/21/04

Approved by (Signature)
Bradley G. Hill
Title
ENVIRONMENTAL SCIENTIST III

Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III

Date
11-01-04

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

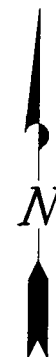
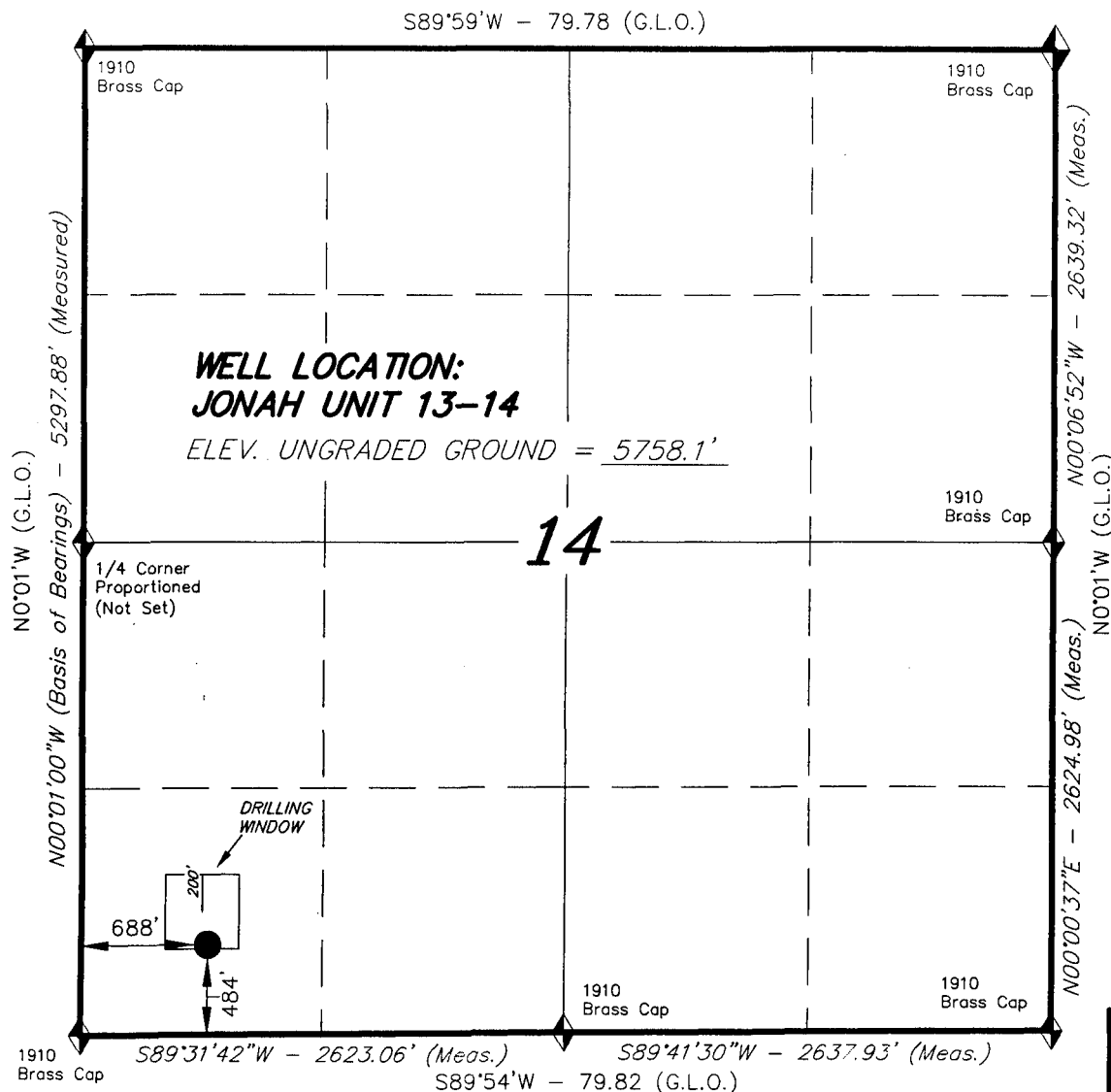
OCT 25 2004

DIV. OF OIL, GAS & MINING

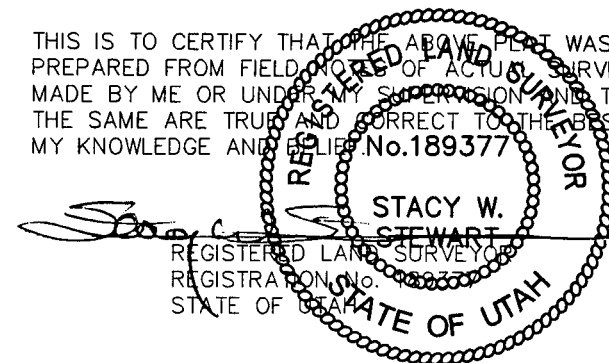
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 13-14,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 14, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 8-25-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #13-14-9-16
SW/SW SECTION 14, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	2000'
Wasatch	6000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2000' – 6000' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #13-14-9-16
SW/SW SECTION 14, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #13-14-9-16 located in the SW 1/4 SW 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 7.7 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 2.4 miles \pm to it's junction with an existing road to the west; proceed northeasterly - 2.2 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 1.2 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #13-14-9-16 Newfield Production Company requests a 3,485' ROW be granted in Lease UTU-64379, a 1,825' ROW be granted in Lease UTU-74392, 60' of disturbed area be granted in Lease UTU-017985 and 1,003' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 3,485' ROW in Lease UTU-64379, a 1,825' ROW in Lease UTU-74392, 60' of disturbed area be granted in Lease UTU-017985 and 1,003' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 3,485' ROW in Lease UTU-64379, a 1,825' ROW in Lease UTU-74392, 60' of disturbed area be granted in Lease UTU-017985 and 1,003' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Possible Rapture nest – Dixie Sadler to advise.

Reserve Pit Liner

A 12 mil liner with felt at the operators discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Gardner Saltbush	<i>Atriplex gardneri</i>	6 lbs/acre
Crested Wheat Grass		6 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #13-14-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Brad Mecham
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

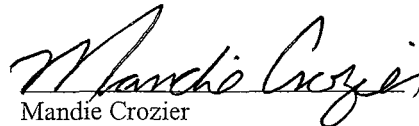
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-14-9-16 SW/SW Section 14, Township 9S, Range 16E: Lease UTU-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

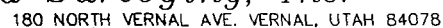
10/21/04

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

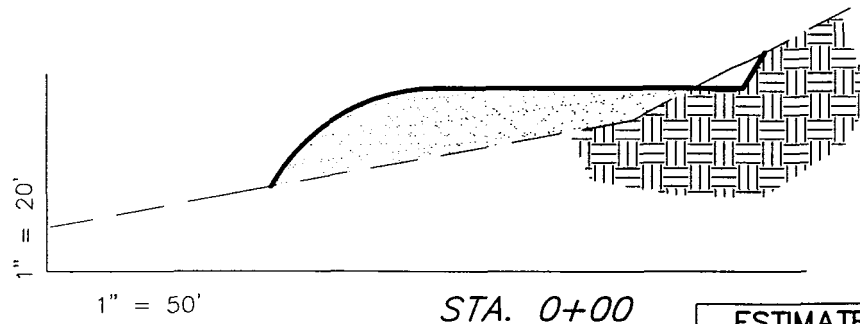
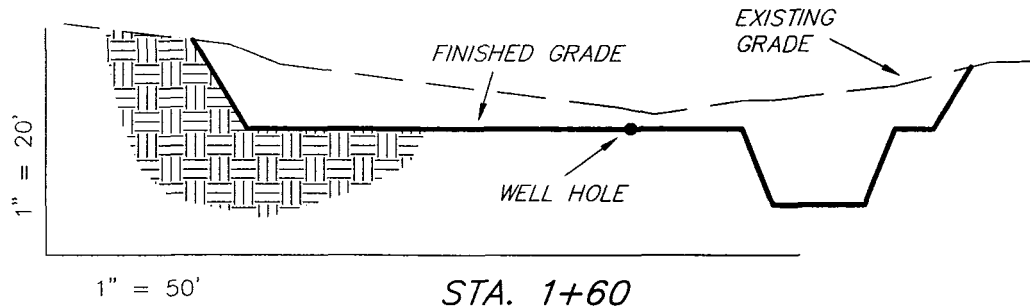
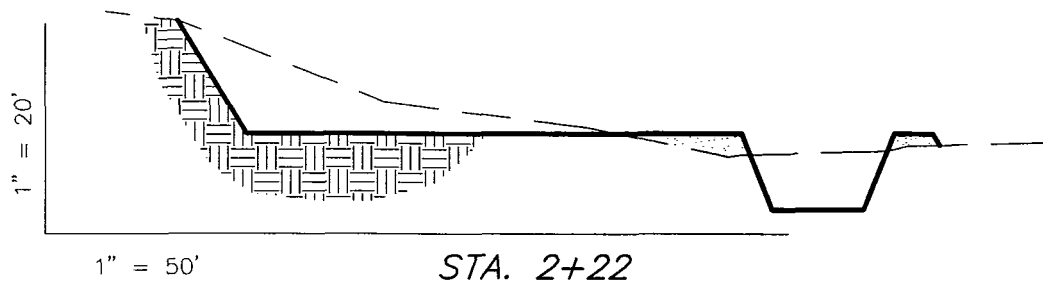
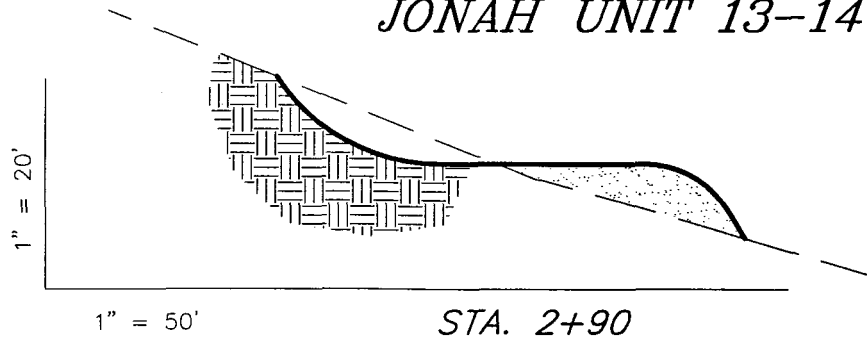
Section 14, T9S, R16E, S.L.B.&M.



INLAND PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT 13-14



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,130	3,130	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,770	3,130	790	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-25-04

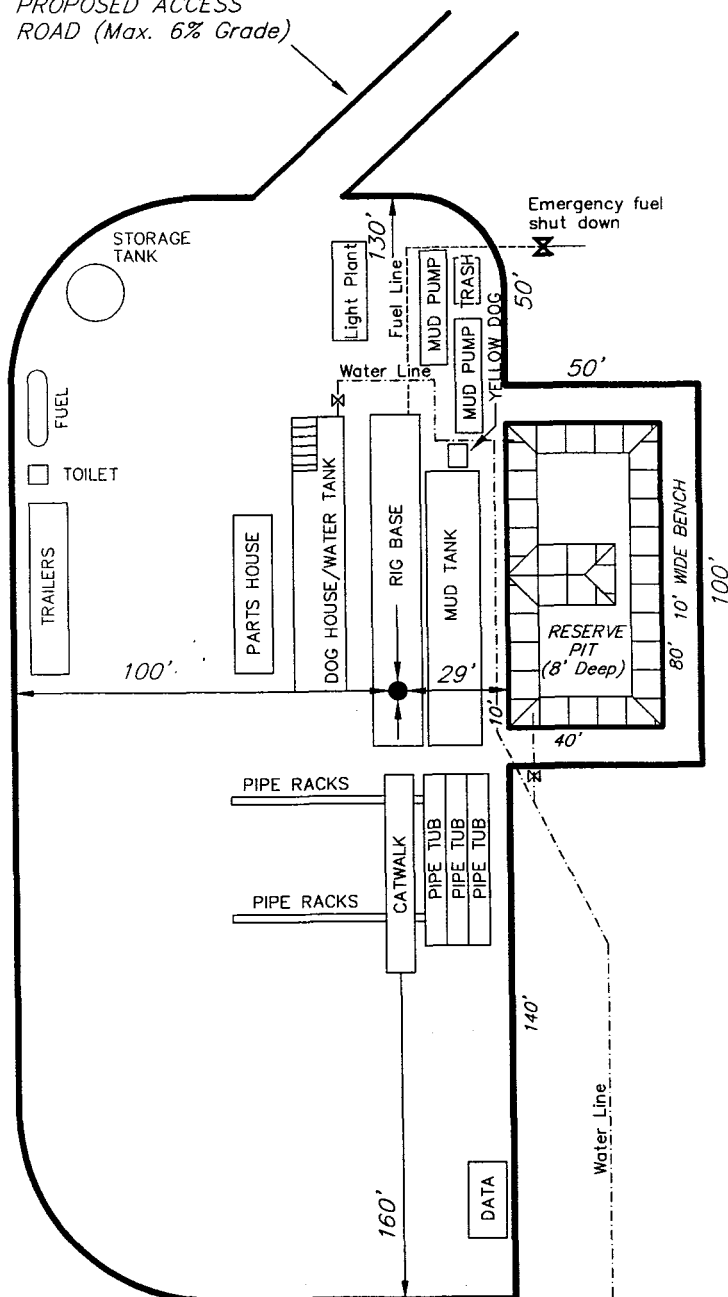
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT 13-14

PROPOSED ACCESS
ROAD (Max. 6% Grade)



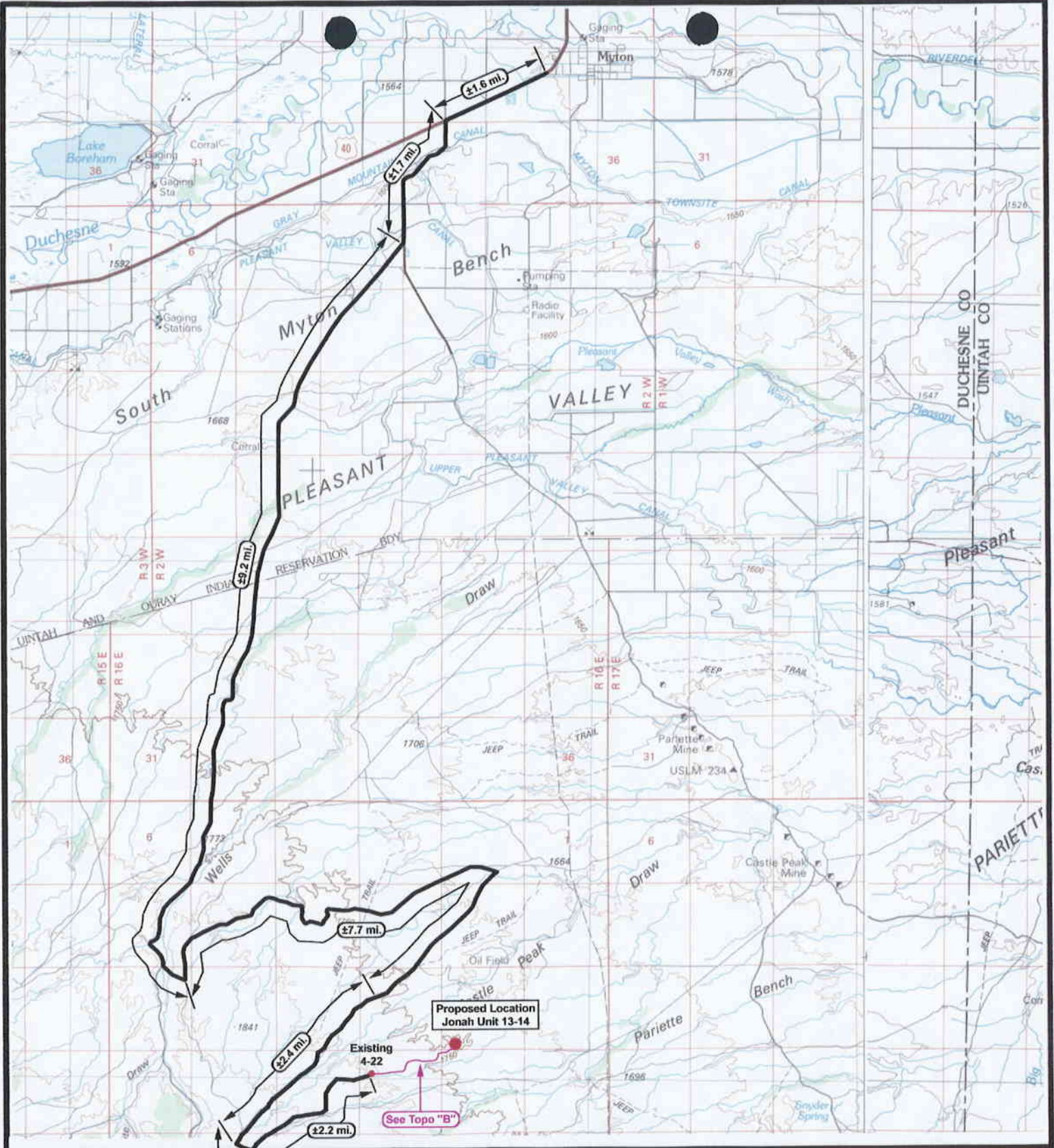
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-25-04

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



NEWFIELD
Exploration Company

Jonah Unit 13-14
SEC. 14, T9S, R16E, S.L.B.&M.



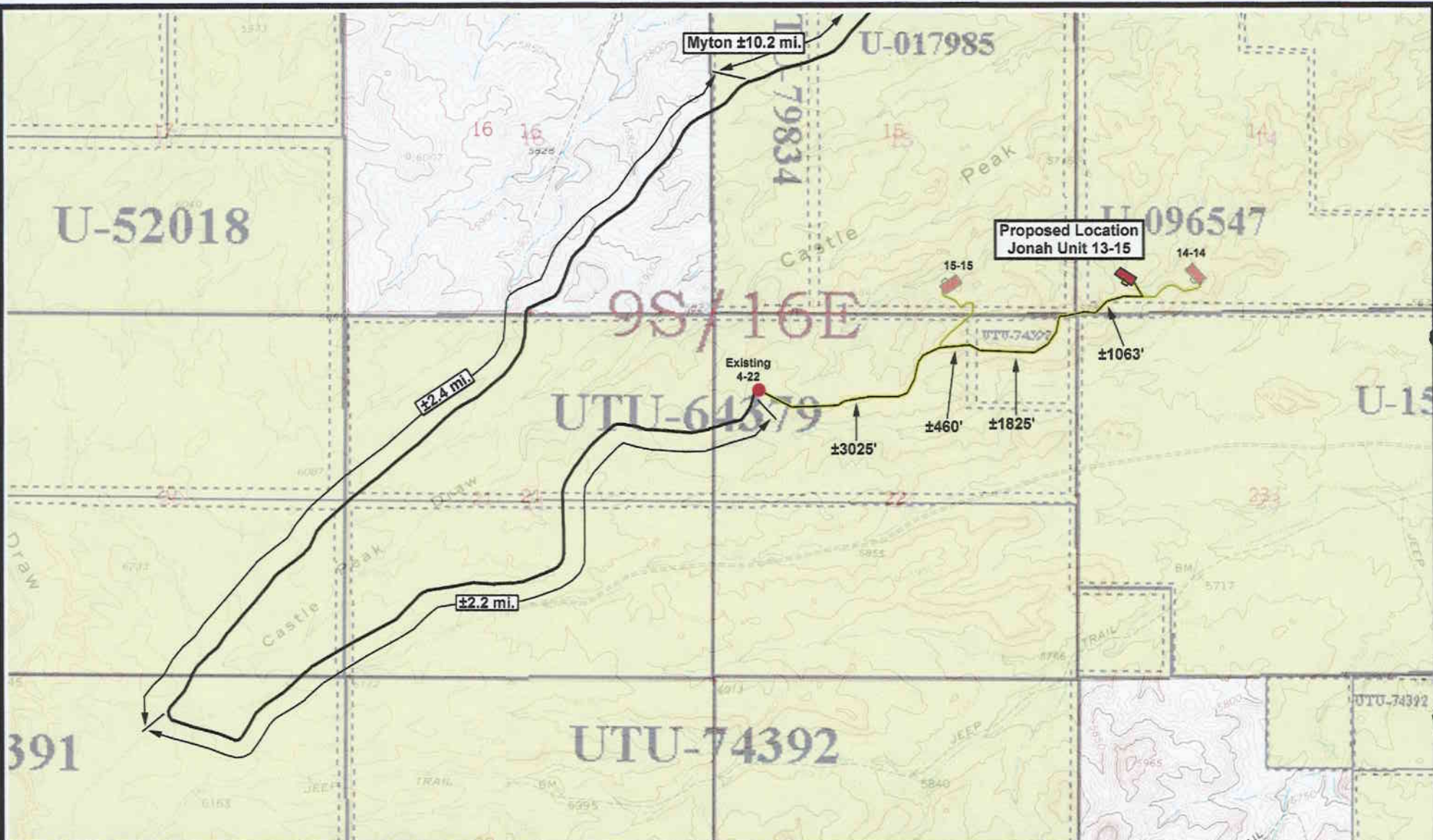
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'
DRAWN BY: bgm
DATE: 10-01-2004

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



 **NEWFIELD**
Exploration Company

Jonah Unit 13-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.

 **Tri-State**
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

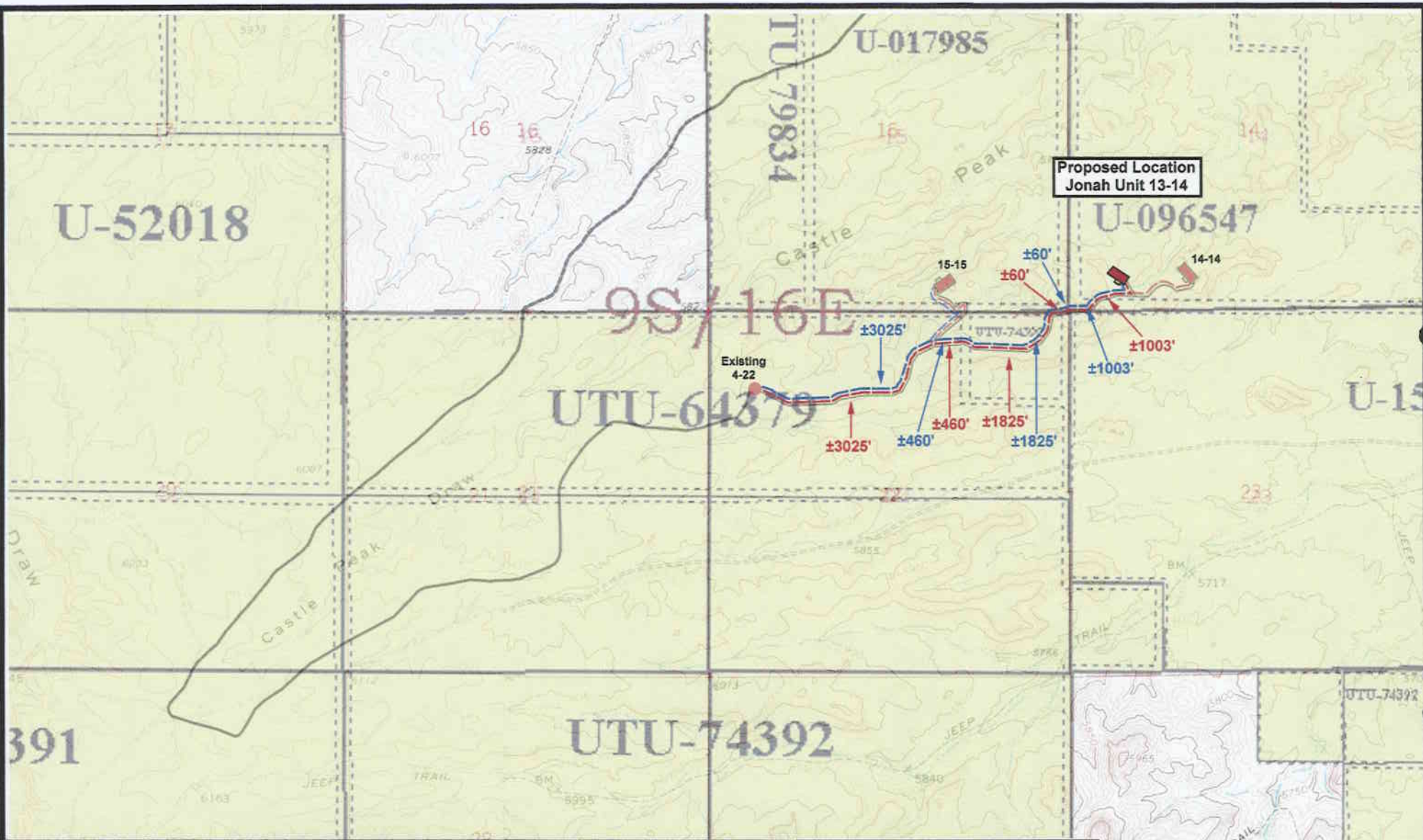
SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 06-29-2004

Legend

— Existing Road
— Proposed Access

"B"







NEWFIELD
Exploration Company

Jonah Unit 13-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: bgm

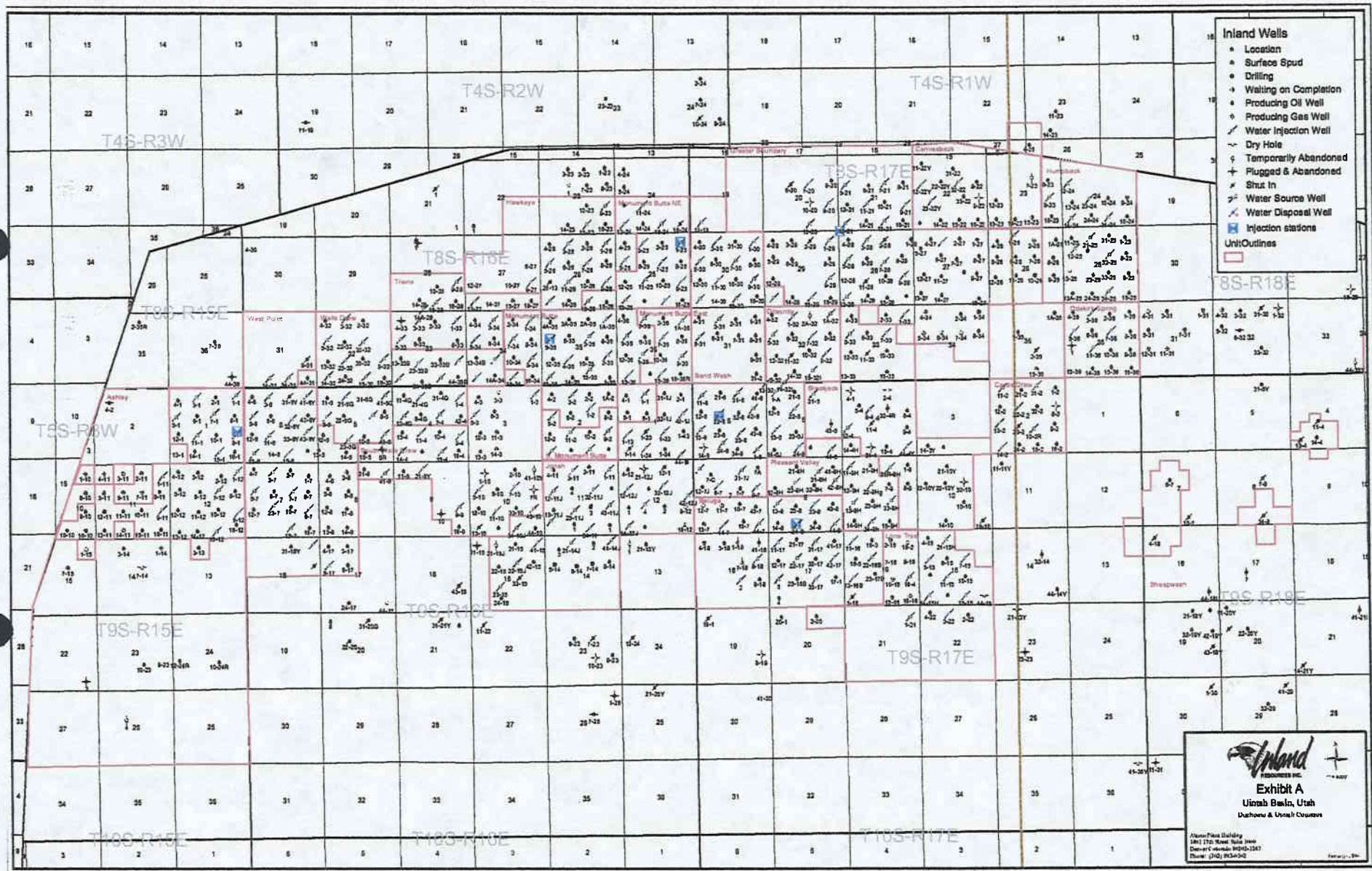
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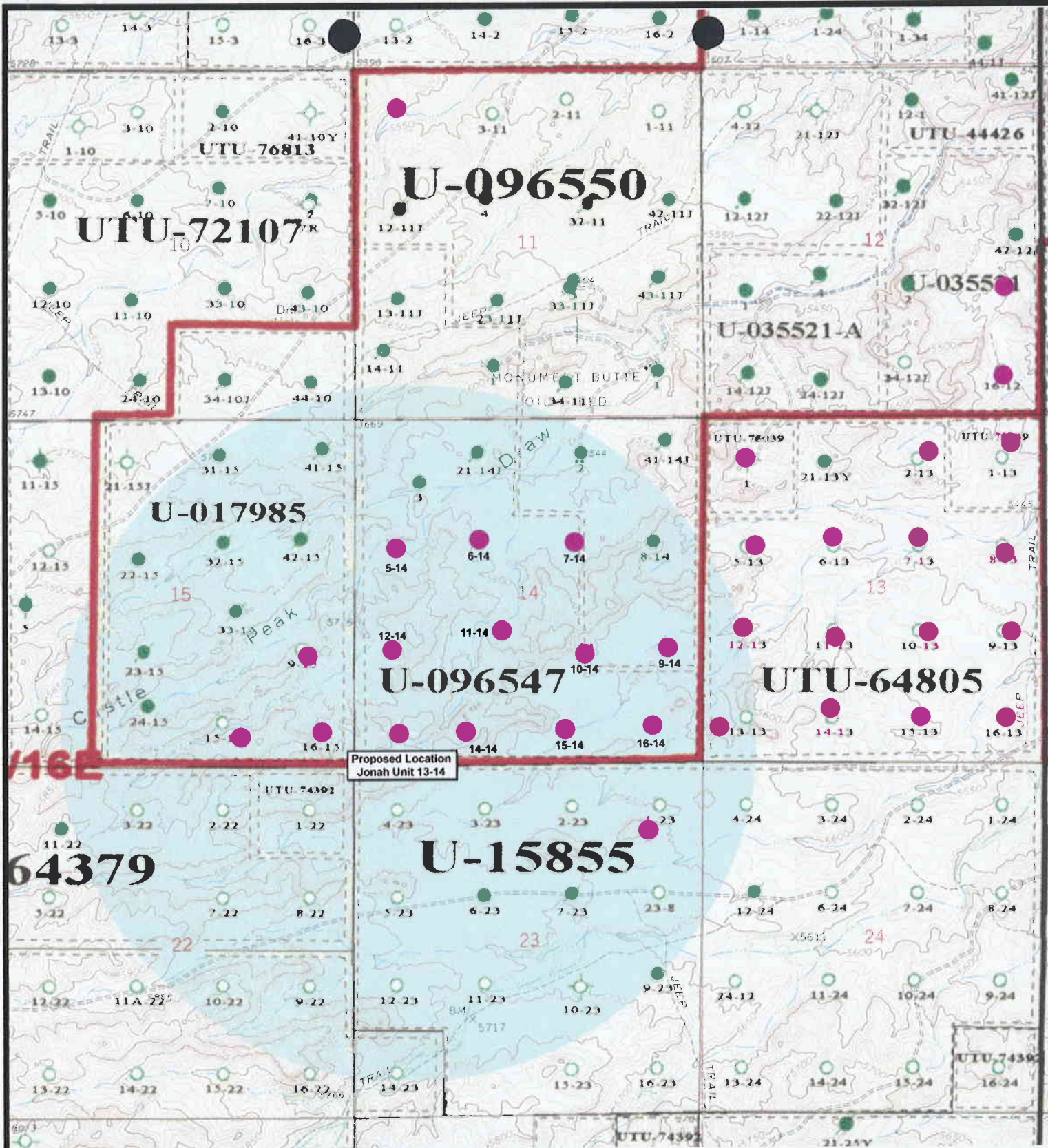
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line


"C"







Proposed Location
Jonah Unit 13-14



NEWFIELD
Exploration Company

Jonah Unit 13-14
SEC. 14, T9S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: bgm

DATE: 10-01-2004

Legend

● Well Locations

● One Mile Radius

Exhibit "B"

Blowout Prevention Equipment Systems

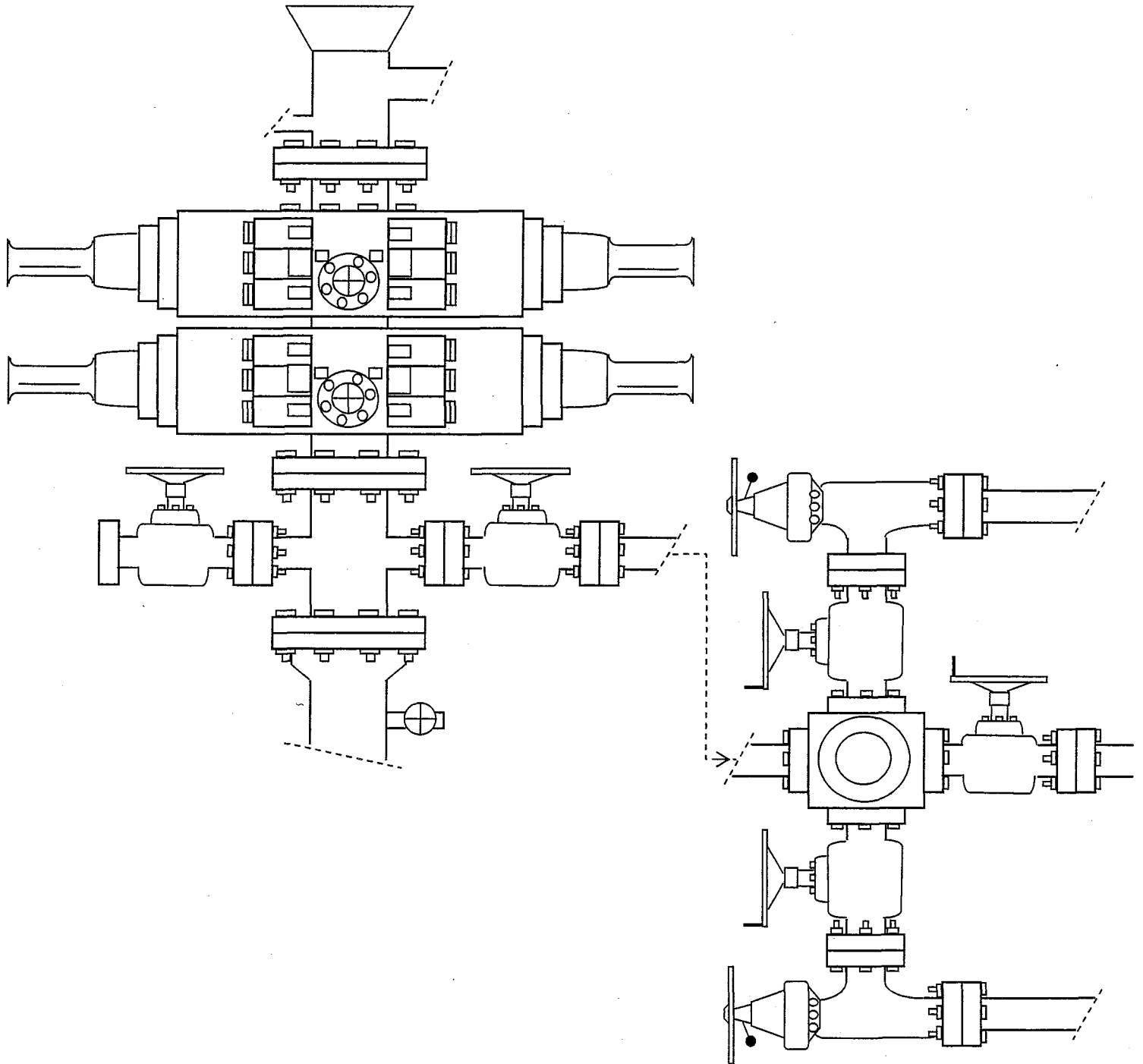


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

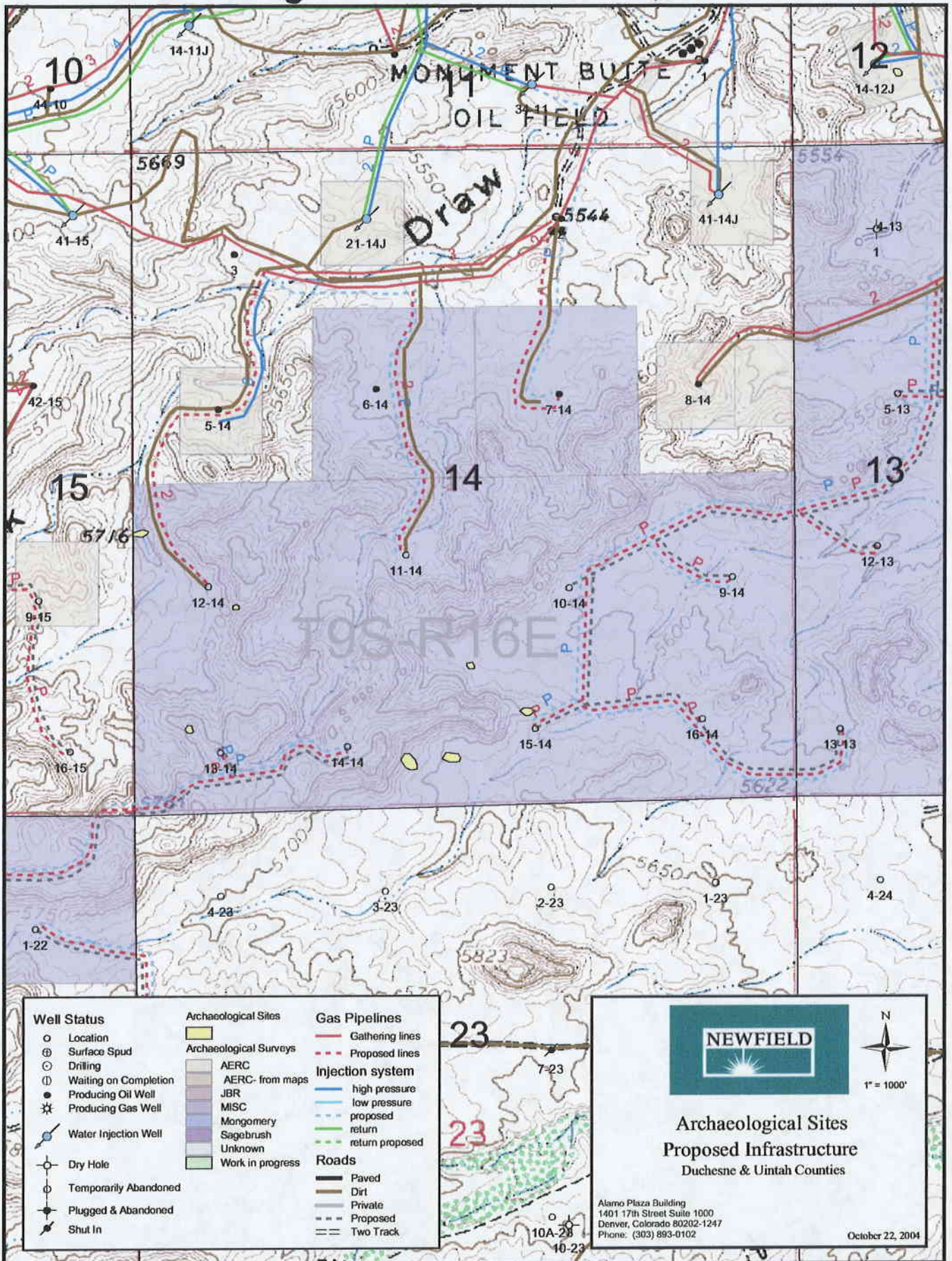
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0328b



INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 &
SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South 1/2 Sec. 14
T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

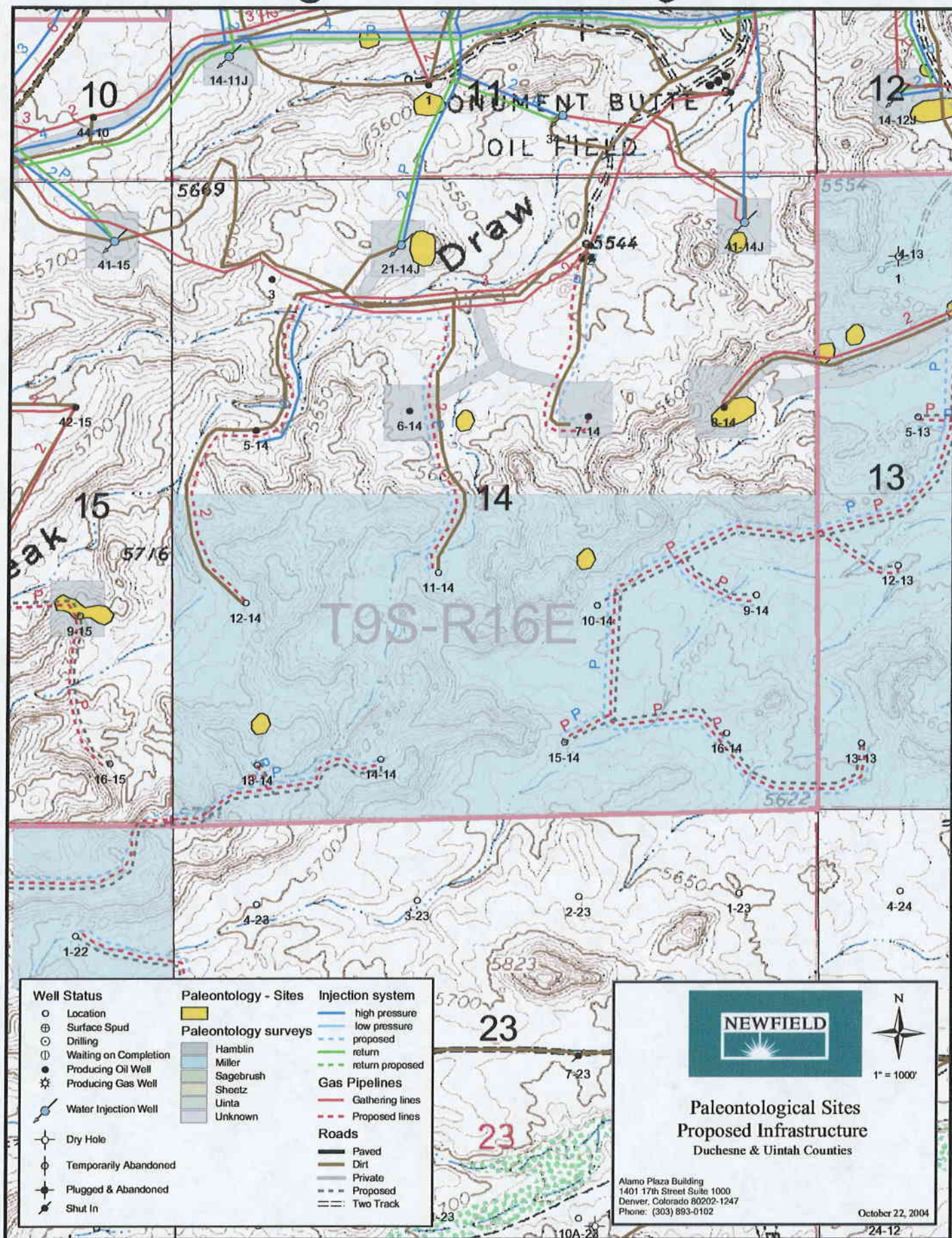
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
January 8, 2004



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

004

APD RECEIVED: 10/25/2004

API NO. ASSIGNED: 43-013-32696

WELL NAME: JONAH FED 13-14-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 14 090S 160E

SURFACE: 0484 FSL 0688 FWL

BOTTOM: 0484 FSL 0688 FWL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-096547

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02488

LONGITUDE: -110.0929

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit JONAH (GREEN RIVER)

___ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 228-2

Eff Date: 7-16-1993

Siting: 460' fr u bdr & 920' fr other wells.

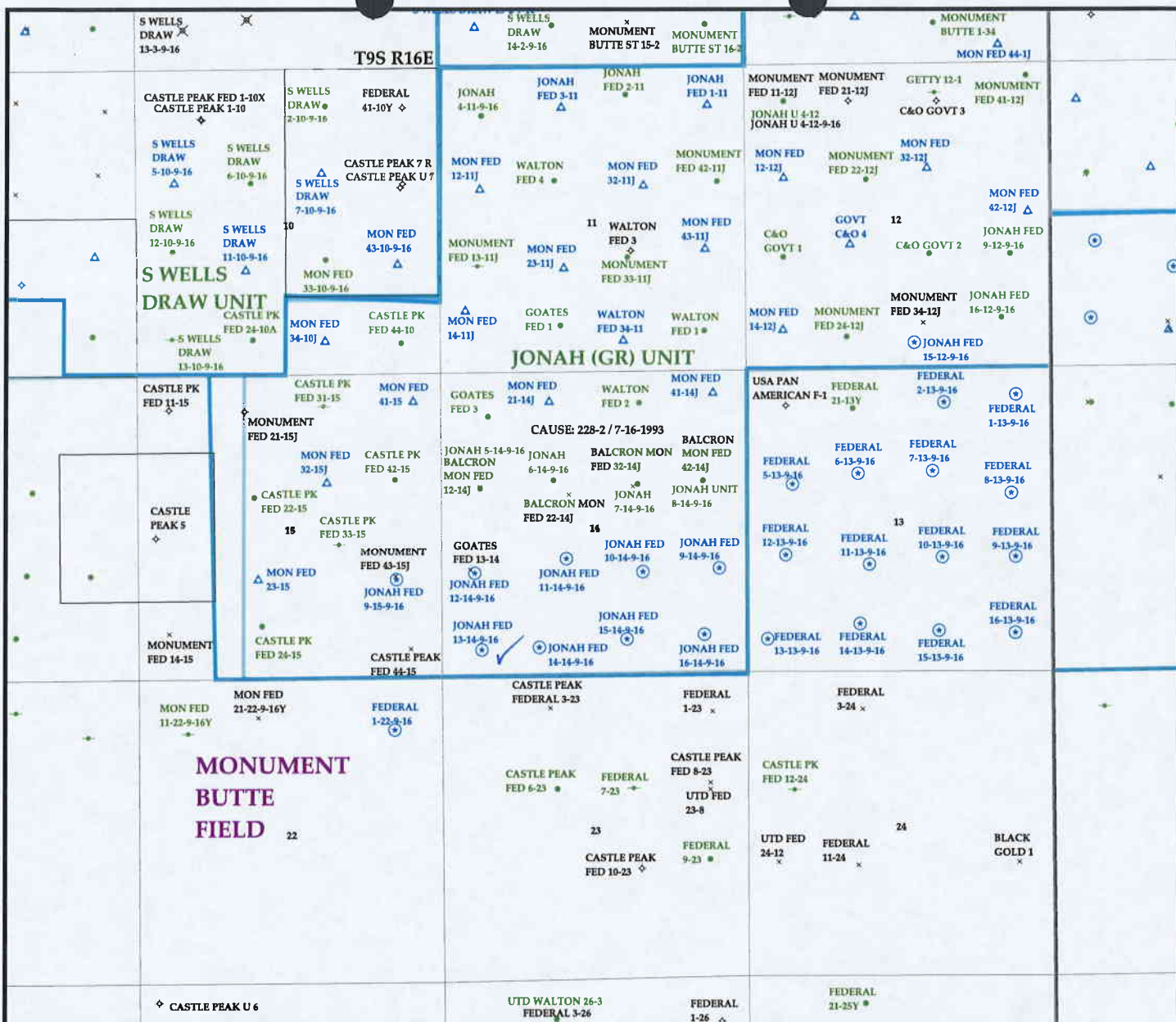
___ R649-3-11. Directional Drill

COMMENTS:

Sep. Separate file

STIPULATIONS:

1-Federal approval



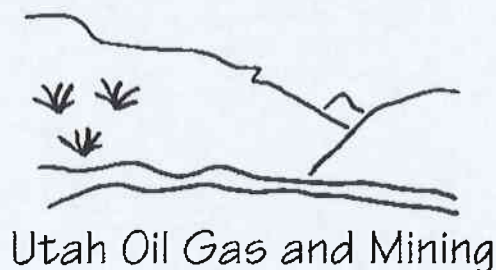
OPERATOR: NEWFIELD PROD CO (N2695)

SEC. 14 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-2 / 7-16-1993



Wells	Units.shp	Fields.shp
✂ GAS INJECTION	EXPLORARY	ABANDONED
✂ GAS STORAGE	GAS STORAGE	ACTIVE
✂ LOCATION ABANDONED	NF PP OIL	COMBINED
✂ NEW LOCATION	NF SECONDARY	INACTIVE
✂ PLUGGED & ABANDONED	PENDING	PROPOSED
✂ PRODUCING GAS	PI OIL	STORAGE
✂ PRODUCING OIL	PP GAS	TERMINATED
✂ SHUT-IN GAS	PP GEOTHERML	
✂ SHUT-IN OIL	PP OIL	
✂ TEMP. ABANDONED	SECONDARY	
✂ TEST WELL	TERMINATED	
✂ WATER INJECTION		
✂ WATER SUPPLY		
✂ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY
DATE: 26-OCTOBER-2004

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 1, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Jonah Unit, Duchesne
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32696	Jonah Federal	13-14-9-16 Sec 14 T09S R16E 0484 FSL 0688 FWL
43-013-32697	Jonah Federal	14-14-9-16 Sec 14 T09S R16E 0507 FSL 1684 FWL
43-013-32698	Jonah Federal	16-14-9-16 Sec 14 T09S R16E 0657 FSL 0758 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-1-04



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

November 1, 2004

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Jonah Federal 13-14-9-16 Well, 484' FSL, 688' FWL, SW SW, Sec. 14,
T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32696.

Sincerely,

A handwritten signature in dark ink, appearing to read "John R. Baza".
John R. Baza
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Jonah Federal 13-14-9-16
API Number: 43-013-32696
Lease: UTU-096547

Location: SW SW Sec. 14 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

006

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-096547

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A *Jonah*

8. Lease Name and Well No.

Jonah Federal 13-14-9-16

9. API Well No.

43-013-32696

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

SW/SW Sec. 14, T9S R16E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SW/SW 484' FSL 688' FWL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximatley 24.8 miles southwest of Myton, Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 484' f/lse, 484' f/unit

16. No. of Acres in lease

600.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*

to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1,019'

19. Proposed Depth

6000'

20. BLM/BIA Bond No. on file

#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5758' GL

22. Approximate date work will start*

1st Quarter 2005

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Name (Printed/Typed)

Date

Title

Mandie Crozier

10/21/04

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

04/01/2005

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

*(Instructions on reverse)

APR 05 2005

DIV. OF OIL, GAS & MINING

4006M

25 JAN 0524

No ACC

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Newfield Production Company
Well Name & Number: JONAH FEDERAL 13-14-9-16
API Number: 43-013-32696
Lease Number: UTU - 096547
Location: SWSW Sec. 14 TWN: 09S RNG: 16E
Agreement: JONAH UNIT

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at $\pm 1,555$ ft.

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Newfield Production Company

API Number: 43-013-32696

Well Name & Number: Federal 13-14-9-16

Lease Number: U-096547

Location: SWSW Sec. 14 T. 9 S. R. 16 E.

Surface Ownership: BLM

Date NOS Received: None

Date APD Received: 10-25-04

-A certified paleontologist shall monitor the construction of the well pad.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: NEWFIELD PRODUCTION COMPANYWell Name: JONAH FED 13-14-9-16Api No: 43-013-32696 Lease Type: FEDERALSection 14 Township 09S Range 16E County DUCHESNEDrilling Contractor NDSI RIG # NS#1**SPUDDED:**Date 05/21/05Time 10:30 AMHow DRY**Drilling will Commence:** _____Reported by ALVINTelephone # 1-435-823-7468Date 05/23/2005 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052OPERATOR ACCT. NO. **N2696**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11492	43-013-32696	Jonah Federal 13-14-9-16	SW/SW	14	08	16E	Duchesne	5/21/2005	5/26/05
WELL 1 COMMENTS: GRPV											
A	99999	14732	43-013-32581	Ashley State 3-2-9-15	NE/NW	2	09	15E	Duchesne	5/23/2005	5/26/05
WELL 2 COMMENTS: GRPV											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

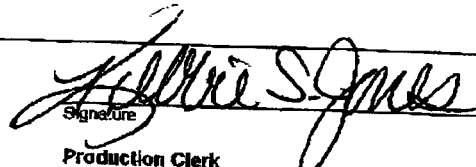
ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
MAY 24 2005

DIVISION OF OIL, GAS & MINING


Signature: **Kebbie S. Jones**
Title: **Production Clerk**
Date: **May 24, 2005**

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
484 FSL 688 FWL
SW/SW Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 13-14-9-16

9. API Well No.

4301332696

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5-21-05 MIRU NDSI spud rig #1. Drill 310' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 313.95'KB. On 5-25-05 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild.
* Returned 5 bbls cement to pit.

RECEIVED

JUN 02 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Ray Herrera

Signature

Ray Herrera

Title

Drilling Foreman

Date

05/27/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

/8

CASING SET AT

313.95

LAST CASING 8 5/8" SET AT 313.95'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Jonah Federal 13-14-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS #1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 43.50'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	302.1
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		303.95
TOTAL LENGTH OF STRING			303.95	7	LESS CUT OFF PIECE		2
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		313.95
TOTAL			302.1	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			302.46	7			
TIMING			1ST STAGE				
BEGIN RUN CSG. Spud			5/21/2005	10:30 AM	GOOD CIRC THRU JOB <u>yes</u>		
CSG. IN HOLE			5/25/2005		Bbls CMT CIRC TO SURFACE <u>5 bbls</u>		
BEGIN CIRC			5/25/2005	12:54 PM	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN PUMP CMT			5/25/2005	1:06 PM			
BEGIN DSPL. CMT			5/25/2005	1:18 PM	BUMPED PLUG TO <u>125</u> PSI		
PLUG DOWN			5/25/2005	1:27 PM			
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Ray HerreraDATE 5/25/2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Newfield Production Company	
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include area code) 435.646.3721
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 484 FSL 688 FWL SW/SW Section 14 T9S R16E	

5. Lease Serial No. UTU096547
6. If Indian, Allottee or Tribe Name.
7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT
8. Well Name and No. JONAH FEDERAL 13-14-9-16
9. API Well No. 4301332696
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6-01-05 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 268'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5935'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5923' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 50 of 50 dye water returned to pit. Nipple down Bop's. Drop slips @ 88,000 #'s tension. Release rig 9:00 am on 6-07-05.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Ray Herrera	Title Drilling Foreman
Signature <i>Ray Herrera</i>	Date 06/09/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUN 13 2005

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5923.19

Flt cllr @

OPERATOR Newfield Production Company

WELL Jonah 13-14-9-16

FIELD/PROSPECT Monument Butte

CONTRACTOR & RIG # NDSI rig #2

LAST CASING 8 5/8" SET AT 313.95

DATUM 12' KB

DATUM TO CUT OFF CASING 12'

DATUM TO BRADENHEAD FLANGE

TD DRILLER 5935 LOGGER

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3931'					
135	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5867.17
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.77
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5925.19
TOTAL LENGTH OF STRING		5925.19	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		377.13	9	CASING SET DEPTH			5923.19
TOTAL		6287.07	145	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6287.07	145				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		2:00 AM	6/7/2005	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		5:00am	6/7/2005	Bbls CMT CIRC TO SURFACE <u>50 OF 50 Dye water to pit</u>			
BEGIN CIRC		6:00 AM	6/7/2005	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		7:01 AM	6/7/2005	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN DSPL. CMT		7:50 AM	6/7/2005	BUMPED PLUG TO <u>2063</u> PSI			
PLUG DOWN		8:18 AM	6/7/2005				

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Ray Herrera

DATE June 7, 2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

484 FSL 688 FWL

SW/SW Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 13-14-9-16

9. API Well No.

4301332696

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 7/7/05
By: [Signature]

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR

Date: 7-8-05

Initials: [Signature]

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

07/05/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUL 07 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
484 FSL 688 FWL
SW/SW Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 13-14-9-16

9. API Well No.

4301332696

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

07/05/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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JONAH FEDERAL 13-14-9-16

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Monument Butte

11. County or Parish, State

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 06/22/05 - 07/01/05

Subject well had completion procedures initiated in the Green River formation on 06-22-05 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5730'-5746'); Stage #2 (5458'-5482'); Stage #3(5025'-5050'); State #4 (4867'-4871')(4814'-4824'); Stage #5(4726'-4742'); Stage #6(4057'-4062'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 06-28-2005. Bridge plugs were drilled out and well was cleaned to 5795.37'. Zones were swab tested for sand cleanup. A 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 07-01-2005.

RECEIVED


JUL 26 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature



Title

Production Clerk

Date

07/25/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

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(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 484' FSL & 688' FWL (SW/SW) Sec. 14, T9S, R16E
At top prod. Interval reported below

At total depth

14. API NO. 43-013-32696 DATE ISSUED 11/1/04

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUDDED 5/21/05

16. DATE T.D. REACHED 6/6/05

17. DATE COMPL. (Ready to prod.) 7/1/05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5758' GL 5770' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5935'

21. PLUG BACK T.D., MD & TVD 5879'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY ROTARY TOOLS X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4057'-5482'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	314'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5923'	7-7/8"	300 sx Premilite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5795'	TA @ 5697'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5730'-5746'	.41"	4/64	5730'-5746'	Frac w/ 58,406# 20/40 sand in 503 bbls fluid
(CP1) 5458'-5482'	.41"	4/96	5458'-5482'	Frac w/ 78,805# 20/40 sand in 609 bbls fluid
(A1&3) 5025'-5050'	.41"	4/100	5025'-5050'	Frac w/ 108,479# 20/40 sand in 876 bbls fluid
(B1&2) 4814'-4824', 4867'-4871'	.41"	4/56	4814'-4871'	Frac w/ 43,548# 20/40 sand in 339 bbls fluid
(C) 4726'-4742'	.41"	4/64	4726'-4742'	Frac w/ 68,949# 20/40 sand in 538 bbls fluid
(GB4) 4057'-4062'	.41"	4/20	4057'-4062'	Frac w/ 12,9769# 20/40 sand in 203 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 7/1/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 10' x 14' RHAC Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 171	GAS--MCF. 14	WATER--BBL. 151	GAS-OIL RATIO 82	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF. RECEIVED	WATER--BBL.	OIL GRAVITY-API (CORR.)		

RECEIVED

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

AUG 04 2005

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DEPT. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Mandie Crozier

TITLE

Regulatory Specialist

DATE

8/1/2005

MC

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Jonah Federal 13-14-9-16	Garden Gulch Mkr	3561'	
				Garden Gulch 1	3769'	
				Garden Gulch 2	3877'	
				Point 3 Mkr	4146'	
				X Mkr	4388'	
				Y-Mkr	4420'	
				Douglas Creek Mkr	4541'	
				BiCarbonate Mkr	4773'	
				B Limestone Mkr	4881'	
				Castle Peak	5393'	
				Basal Carbonate	5846'	
				Total Depth (LOGGERS)	5926'	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-096547
2. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: JONAH UNIT
3. ADDRESS OF OPERATOR Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME JONAH UNIT
PHONE NUMBER 435 646 3721		8. WELL NAME and NUMBER JONAH FEDERAL 13-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 484 FSL 688 FWL		9. API NUMBER 4301332696
CITY Myton STATE UT ZIP 84052		10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE
COUNTY DUCHESNE		
STATE UT		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion 10/20/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/22/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/24/08. On 10/24/08 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 560 psig during the test. There was a State representative available to witness the test.
(Dennis Ingram)
API # 43-013-32696

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE _____ DATE 10/27/2008

Daily Activity Report

Format For Sundry

JONAH 13-14-9-16**8/1/2008 To 12/30/2008****10/17/2008 Day: 1****Conversion**

Stone #5 on 10/16/2008 - MIRUSU. Pump 80 bbls water down casing @ 200%. Soft seat pump. Test tbg to 3000 psi. Unseat pump. Flush rods w/ 60 bbls water. TCOH w/ rods laying down on trailer. Released TA. RU BOP's. TCOH w/ tbg breaking every collar & inspecting, doping w/ liquid o-ring & tally out. SIFN.

10/18/2008 Day: 2**Conversion**

Stone #5 on 10/17/2008 - Replaced 15 collars. TIH w/ Arrow Set 1 Injection packer w/ wire line entry guide, SN, 156 jts tbg. Tested tbg 3 time on TIH. Fish standin valve. RD BOP's. Pump 75 bbls packer fluid. Set Packer. Test casing to 1460. Leave pressure over night. SIFN.

10/21/2008 Day: 3**Conversion**

Stone #5 on 10/20/2008 - Check pressure on well. RDMOSU. Well ready for MIT.

10/24/2008 Day: 4**Conversion**

Rigless on 10/23/2008 - On 10/22/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Jonah 13-14-9-16). Permission was given at that time to perform the test on 10/24/08. On 10/24/08 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 560 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-32596

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Jonah Federal 13-14-9-16

Location: 14/9S/16E **API:** 43-013-32696

Ownership Issues: The proposed well is located on BLM land. The well is located in the Jonah Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Jonah Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 304 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5,935 feet. A cement bond log demonstrates adequate bond in this well up to 3,016 feet. A 2 7/8 inch tubing with a packer will be set at 4,022. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1,800 feet. Injection shall be limited to the interval between 3,877 feet and 5,846 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 13-14-9-16 well is .89 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,841 psig. The requested maximum pressure is 1,841 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Jonah Unit January 13, 1993 . Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date 09/19/2006

The map displays a series of points, each labeled with a unique identifier (e.g., 4301331368, 4301330633, 4301331488, 4301332336, 4301332337, 4301331489, 4301331490, 4301332681, 4301332682, 4301332683, 4301332696, 4301332697, 4301333177, 4301331063, 4301333176, 4301332958, 4301332612, 4301333027, 4301332959, 4301332960, 4301330873, 430133027, 4301332753, 4301332754, 4301332755, 4301332756, 4301332757, 4301332758, 4301332759, 4301332760, 4301332761, 4301332762, 4301332763, 4301332764, 4301332765, 4301332766, 4301332767, 4301332768, 4301332769, 4301332770, 4301332771, 4301332772, 4301332773, 4301332774, 4301332775, 4301332776, 4301332777, 4301332778, 4301332779, 4301332780, 4301332781, 4301332782, 4301332783, 4301332784, 4301332785, 4301332786, 4301332787, 4301332788, 4301332789, 4301332790, 4301332791, 4301332792, 4301332793, 4301332794, 4301332795, 4301332796, 4301332797, 4301332798, 4301332799, 4301332800, 4301332801, 4301332802, 4301332803, 4301332804, 4301332805, 4301332806, 4301332807, 4301332808, 4301332809, 4301332810, 4301332811, 4301332812, 4301332813, 4301332814, 4301332815, 4301332816, 4301332817, 4301332818, 4301332819, 4301332820, 4301332821, 4301332822, 4301332823, 4301332824, 4301332825, 4301332826, 4301332827, 4301332828, 4301332829, 4301332830, 4301332831, 4301332832, 4301332833, 4301332834, 4301332835, 4301332836, 4301332837, 4301332838, 4301332839, 4301332840, 4301332841, 4301332842, 4301332843, 4301332844, 4301332845, 4301332846, 4301332847, 4301332848, 4301332849, 4301332850, 4301332851, 4301332852, 4301332853, 4301332854, 4301332855, 4301332856, 4301332857, 4301332858, 4301332859, 4301332860, 4301332861, 4301332862, 4301332863, 4301332864, 4301332865, 4301332866, 4301332867, 4301332868, 4301332869, 4301332870, 4301332871, 4301332872, 4301332873, 4301332874, 4301332875, 4301332876, 4301332877, 4301332878, 4301332879, 4301332880, 4301332881, 4301332882, 4301332883, 4301332884, 4301332885, 4301332886, 4301332887, 4301332888, 4301332889, 4301332890, 4301332891, 4301332892, 4301332893, 4301332894, 4301332895, 4301332896, 4301332897, 4301332898, 4301332899, 4301332900, 4301332901, 4301332902, 4301332903, 4301332904, 4301332905, 4301332906, 4301332907, 4301332908, 4301332909, 4301332910, 4301332911, 4301332912, 4301332913, 4301332914, 4301332915, 4301332916, 4301332917, 4301332918, 4301332919, 4301332920, 4301332921, 4301332922, 4301332923, 4301332924, 4301332925, 4301332926, 4301332927, 4301332928, 4301332929, 4301332930, 4301332931, 4301332932, 4301332933, 4301332934, 4301332935, 4301332936, 4301332937, 4301332938, 4301332939, 4301332940, 4301332941, 4301332942, 4301332943, 4301332944, 4301332945, 4301332946, 4301332947, 4301332948, 4301332949, 4301332950, 4301332951, 4301332952, 4301332953, 4301332954, 4301332955, 4301332956, 4301332957, 4301332958, 4301332959, 4301332960, 4301332961, 4301332962, 4301332963, 4301332964, 4301332965, 4301332966, 4301332967, 4301332968, 4301332969, 4301332970, 4301332971, 4301332972, 4301332973, 4301332974, 4301332975, 4301332976, 4301332977, 4301332978, 4301332979, 4301332980, 4301332981, 4301332982, 4301332983, 4301332984, 4301332985, 4301332986, 4301332987, 4301332988, 4301332989, 4301332990, 4301332991, 4301332992, 4301332993, 4301332994, 4301332995, 4301332996, 4301332997, 4301332998, 4301332999, 4301333000, 4301333001, 4301333002, 4301333003, 4301333004, 4301333005, 4301333006, 4301333007, 4301333008, 4301333009, 4301333010, 4301333011, 4301333012, 4301333013, 4301333014, 4301333015, 4301333016, 4301333017, 4301333018, 4301333019, 4301333020, 4301333021, 4301333022, 4301333023, 4301333024, 4301333025, 4301333026, 4301333027, 4301333028, 4301333029, 4301333030, 4301333031, 4301333032, 4301333033, 4301333034, 4301333035, 4301333036, 4301333037, 4301333038, 4301333039, 4301333040, 4301333041, 4301333042, 4301333043, 4301333044, 4301333045, 4301333046, 4301333047, 4301333048, 4301333049, 4301333050, 4301333051, 4301333052, 4301333053, 4301333054, 4301333055, 4301333056, 4301333057, 4301333058, 4301333059, 4301333

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-096547
2. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: JONAH UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: JONAH FEDERAL 13-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 484 FSL 688 FWL		9. API NUMBER: 4301332696
OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SWSW, 14, T9S, R16E		10. FIELD AND POOL OR WILDCAT: MONUMENT BUTTE
COUNTY DUCHESNE		STATE UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion 10/20/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/22/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/24/08. On 10/24/08 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 560 psig during the test. There was a State representative available to witness the test.
(Dennis Ingram)
API # 43-013-32696

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

DATE 10/27/2008

(This space for State use only)

Daily Activity Report

Format For Sundry

JONAH 13-14-9-16**8/1/2008 To 12/30/2008****10/17/2008 Day: 1****Conversion**

Stone #5 on 10/16/2008 - MIRUSU. Pump 80 bbls water down casing @ 200". Soft seat pump. Test tbg to 3000 psi. Unseat pump. Flush rods w/ 60 bbls water. TOOH w/ rods laying down on trailer. Released TA. RU BOP's. TOOH w/ tbg breaking every collar & inspecting, doping w/ liquid o-ring & tally out. SIFN.

10/18/2008 Day: 2**Conversion**

Stone #5 on 10/17/2008 - Replaced 15 collars. TIH w/ Arrow Set 1 Injection packer w/ wire line entry guide, SN, 156 jts tbg. Tested tbg 3 time on TIH. Fish standin valve. RD BOP's. Pump 75 bbls packer fluid. Set Packer. Test casing to 1460. Leave pressure over night. SIFN.

10/21/2008 Day: 3**Conversion**

Stone #5 on 10/20/2008 - Check pressure on well. RDMOSU. Well ready for MIT.

10/24/2008 Day: 4**Conversion**

Rigless on 10/23/2008 - On 10/22/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Jonah 13-14-9-16). Permission was given at that time to perform the test on 10/24/08. On 10/24/08 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 560 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-32696



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-331

Operator: Newfield Production Company
Well: Jonah Federal 13-14-9-16
Location: Section 14, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32696
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 19, 2006.
2. Maximum Allowable Injection Pressure: 1,841 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,877' - 5,846')

Approved by:

Gil Hunt
Associate Director

11-24-08

Date

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
484 FSL 688 FWL
SWSW Section 14 T9S R16E

5. Lease Serial No.

USA UTU-096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 13-14-9-16

9. API Well No.

4301332696

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change status, put well
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	on injection.

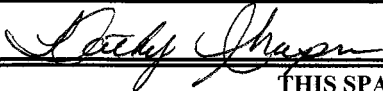
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 2:35PM on 6-5-09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Kathy Chapman

Signature



Title

Office Manager

Date

06/08/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

JUN 09 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
JONAH FEDERAL #13-14-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
JONAH UNIT
LEASE #UTU-096547
MARCH 10, 2006

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1401 17th Street, Suite 1000
Denver, Colorado 80202

Well Name and number: Jonah Federal #13-14-9-16
Field or Unit name: Monument Butte (Green River), Jonah Unit Lease No. UTU-096547
Well Location: QQ SW/SW section 14 township 9S range 16E county Duchesne

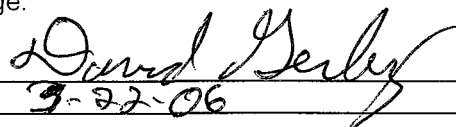
Is this application for expansion of an existing project? Yes ☒ No ☐
Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒
Is this application for a new well to be drilled? Yes ☐ No ☒
If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒
Date of test: _____
API number: 43-013-32696

Proposed injection interval: from 3877' to 5846'
Proposed maximum injection: rate 500 bpd pressure 1841 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: David Gerbig Signature 
Title Operations Engineer Date 9-22-06
Phone No. (303) 893-0102

(State use only)

Application approved by _____ Title _____
Approval Date _____

Comments:

Jonah Federal 13-14-9-16

Spud Date: 5/21/05
Put on Production: 7/1/05
GL: 5758' KB: 5780'

Initial Production: 171 BOPD,
14 MCFD, 151 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

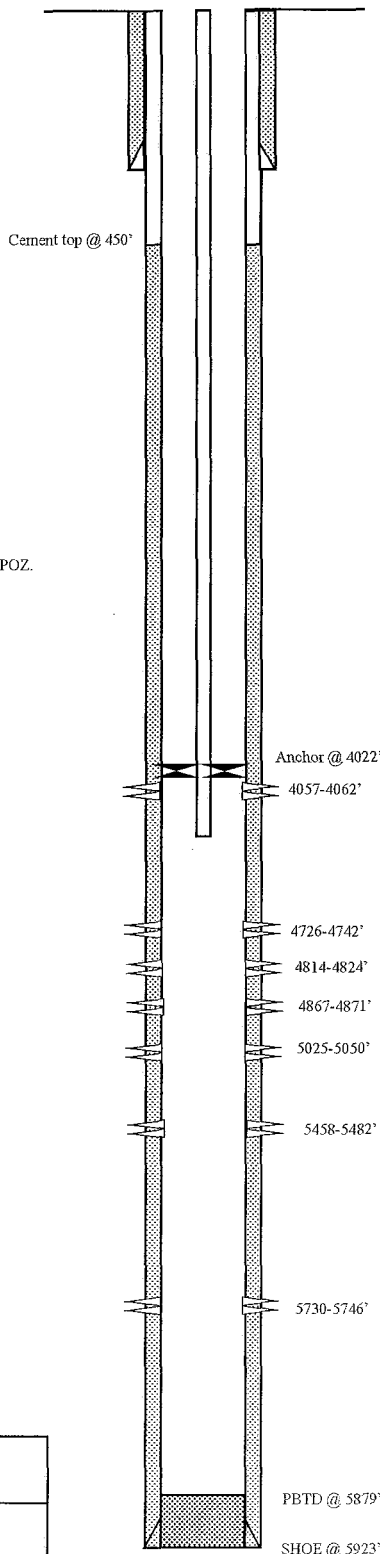
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.95')
DEPTH LANDED: 313.95' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5925.19')
DEPTH LANDED: 5923.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts
TUBING ANCHOR: 5697' KB
NO. OF JOINTS: 2 jts
SN LANDED AT: 1.10'
NO. OF JOINTS: 1 jt.
TOTAL STRING LENGTH: EOT @ 5795' w/12' KB



FRAC JOB

6-27-05	5730-5746'	Frac CP5 sands as follows: 58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.
6-27-05	5458-5482'	Frac CP1 sands as follows: 78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.
6-27-05	5025-5050'	Frac A1/A3 sands as follows: 108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.
6-27-05	4814-4871'	Frac B2 & B1 sands as follows: 43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.
6-27-05	4726-4742'	Frac C sands as follows: 68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.
6-27-05	4057-4062'	Frac GB4 sands as follows: 12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.

PERFORATION RECORD

6-22-05	5730-5746'	4 JSPF	64 holes
6-27-05	5458-5482'	4 JSPF	96 holes
6-27-05	5025-5050'	4 JSPF	100 holes
6-27-05	4867-4871'	4 JSPF	16 holes
6-27-05	4814-4824'	4 JSPF	40 holes
6-27-05	4726-4742'	4 JSPF	64 holes
6-27-05	4057-4062'	4 JSPF	20 holes

NEWFIELD

Jonah Federal 13-14-9-16

484' FSL & 688' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32696; Lease #UTU-096547

PBTD @ 5879'

SHOE @ 5923'

TD @ 5935'

MC 3/6/06

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Jonah Federal #13-14-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Jonah Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Jonah Federal #13-14-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3877' - 5846'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3877' and the Castle Peak top at 5393'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Jonah Federal #13-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-096547) in the Monument Butte (Green River) Field, Jonah Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 314' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5923' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1841 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Jonah Federal #13-14-9-16, for existing perforations (4057' - 5746') calculates at 0.89 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1841 psig. We may add additional perforations between 3877' and 5926'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Jonah Federal #13-14-9-16, the proposed injection zone (3877' - 5846') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-10.

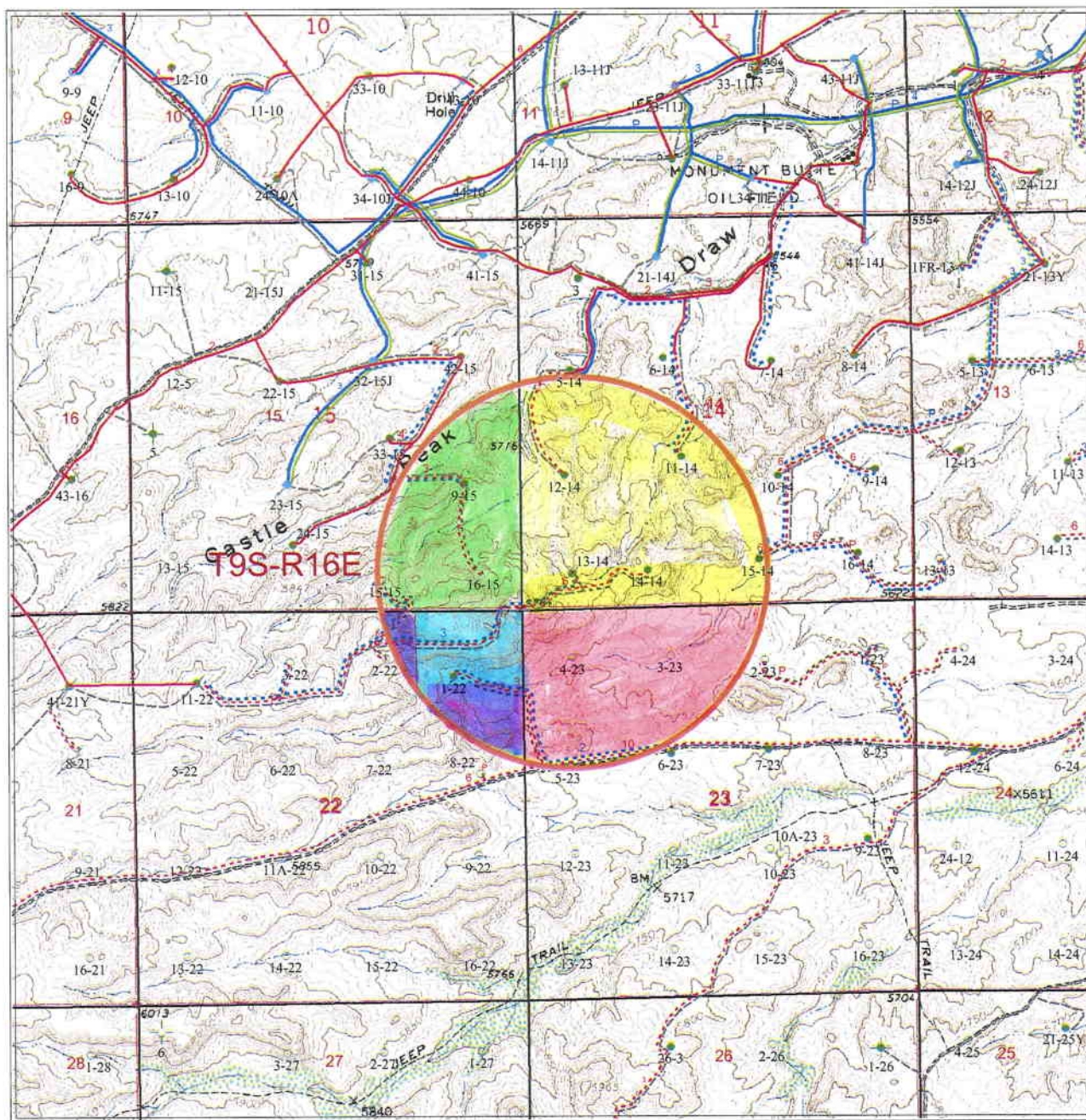
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Gas Pipelines**
- Gathering lines
 - Proposed lines
- Mining tracts**
- 13-14-9-16 1/2 mile radius

UTU-096547

UTU-15855

UTU-017985

UTU-74392

UTU-64379

Attachment A

Jonah 13-14-9-16
Section 14, T9S-R16E

NEWFIELD



1/2 Mile Radius Map
Duchesne County

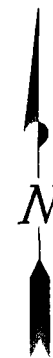
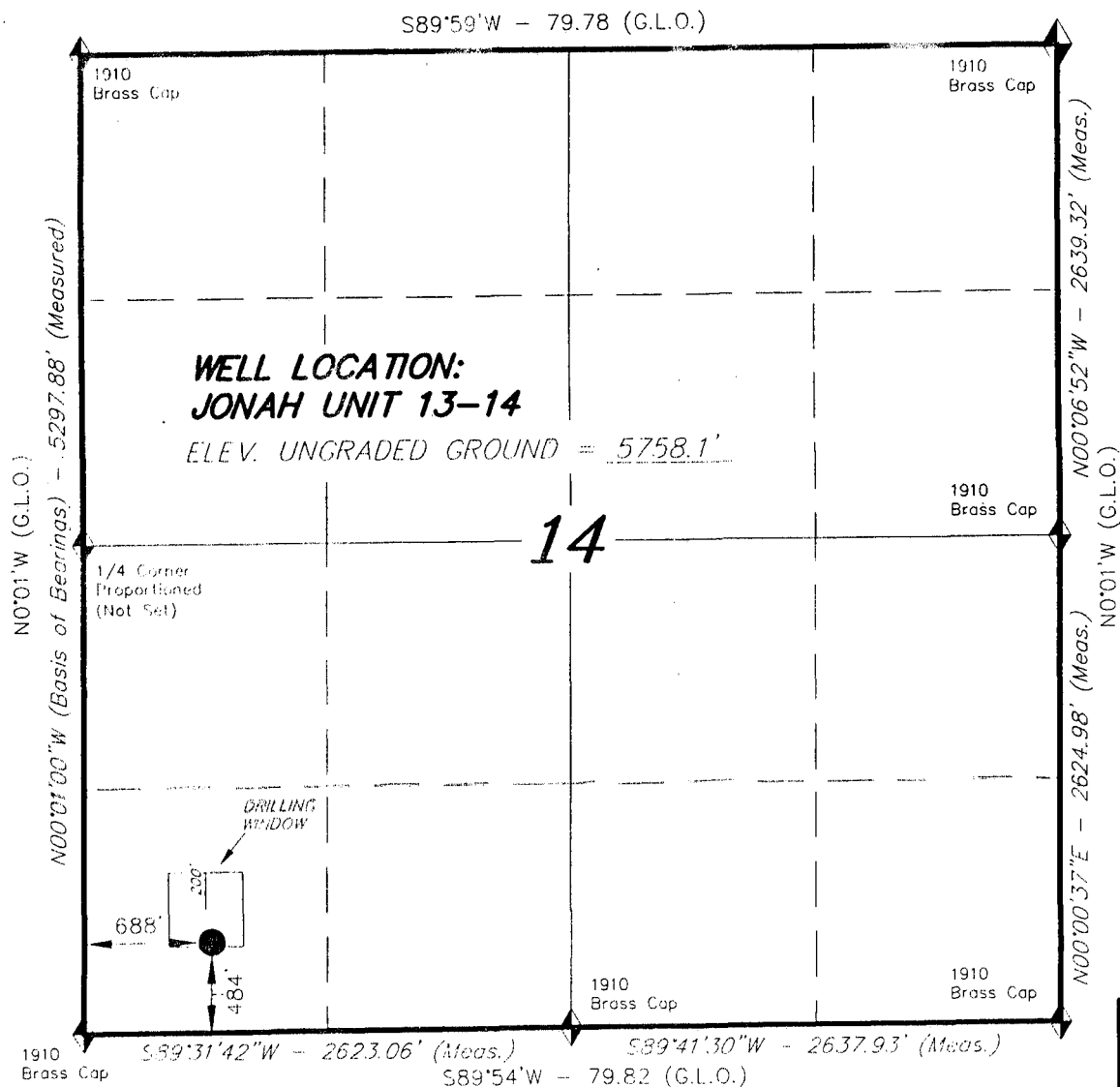
Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

February 17, 2006

T9S, R16E, S.L.B.&M.

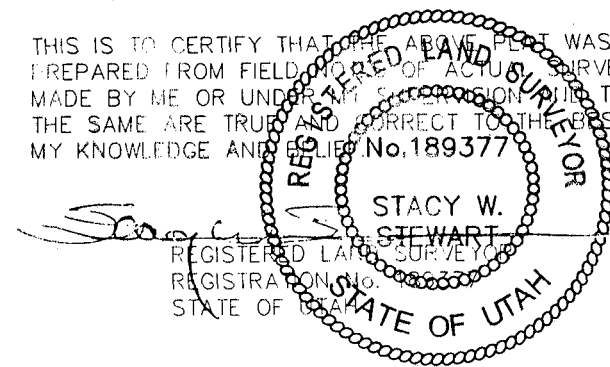
INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 13-14,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 14, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



Attachment A-1

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



⚡ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 8-25-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 11: W/2SW/4, SE/4SW/4 Section 14: SW/4NE/4, SE/4SE/4, W/2SE/4, W/2	UTU-096547 HBP	Newfield Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 10: S/2SE/4 Section 15: E/2, E/2W/2	UTU-017985 HBP	Newfield Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 23: E/2, NW/4, E/2SW/4, NW/4SW/4 Section 24: N/2, SW/4, N/2SE/4, SW/4SE/4	UTU-15855 HBP	Newfield Production Company El Paso Production Oil & Gas Co. Rust to Gold, LLC	(Surface Rights) USA

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	<u>Township 9 South, Range 16 East</u> Section 21: S/2 Section 22: NE/4NE/4, S/2 Section 23: SW/4SW/4 Section 24: SE/4SE/4 Section 26: NE/4NE/4 Section 27: All Section 28: All	UTU-74392 HBP	Newfield Production Company Yates Petroleum Corporation Yates Drilling Company Myco Industries, Inc. ABO Petroleum Corporation	(Surface Rights) USA
5	<u>Township 9 South, Range 16 East</u> Section 8: SW/4NE/4, SE/4 Section 9: SW/4SW/4 Section 17: NE/4 Section 18: Lots 3, 4, E/2SW/4, SE/4 Section 19: Lots 1, 2, NE/4, E/2NW/4 Section 21: N/2 Section 22: W/2NE/4, SE/4NE/4, NW/4	UTU-64379 HBP	Newfield Production Company Yates Petroleum Corporation	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Federal #13-14-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: David Gerbig
Newfield Production Company
David Gerbig
Operations Engineer

Sworn to and subscribed before me this 22 day of March, 2006.

Notary Public in and for the State of Colorado: Laurie Desautels

My Commission Expires: 05/05/2009

Jonah Federal 13-14-9-16

Spud Date: 5/21/05
 Put on Production: 7/1/05
 GL: 5758' KB: 5780'

Initial Production: 171 BOPD,
 14 MCFD, 151 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.95')
 DEPTH LANDED: 313.95' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5925.19')
 DEPTH LANDED: 5923.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts
 TUBING ANCHOR: 5697' KB
 NO. OF JOINTS: 2 jts
 SN LANDED AT: 1.10'
 NO. OF JOINTS: 1 jt.
 TOTAL STRING LENGTH: EOT @ 5795' w/12' KB

SUCKER RODS

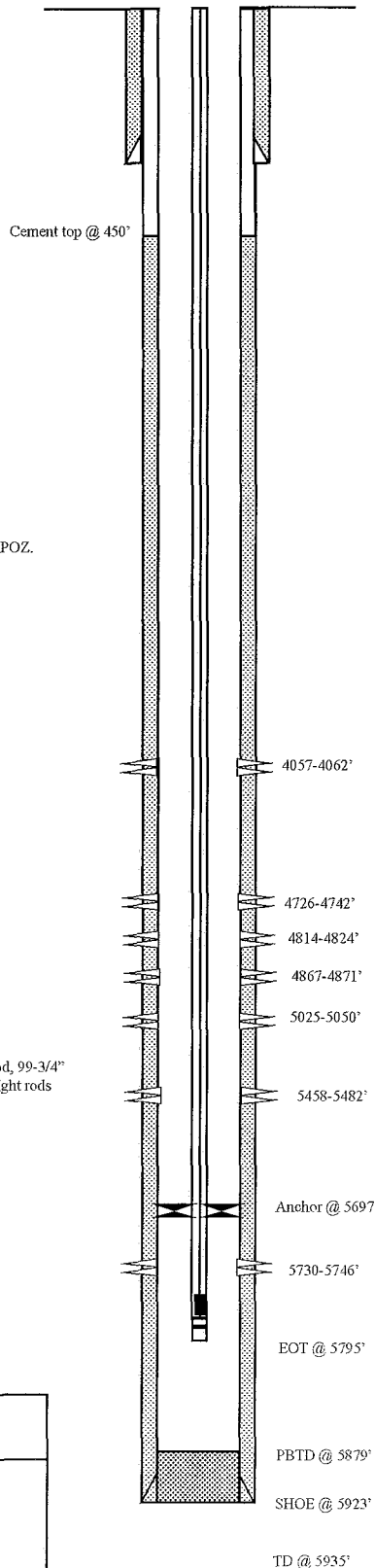
POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-8", 1-6", 1-4" X 3/4" pony rods, 1-3/4" slick rod, 99-3/4" guided rods, 112-3/4" slick rods, 10-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE: 2 1/2" x 1 1/2" x 10 x 14" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6 SPM

FRAC JOB

6-27-05	5730-5746'	Frac CP5 sands as follows: 58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.
6-27-05	5458-5482'	Frac CP1 sands as follows: 78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.
6-27-05	5025-5050'	Frac A1/A3 sands as follows: 108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.
6-27-05	4814-4871'	Frac B2 & B1 sands as follows: 43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.
6-27-05	4726-4742'	Frac C sands as follows: 68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.
6-27-05	4057-4062'	Frac GB4 sands as follows: 12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.

PERFORATION RECORD

6-22-05	5730-5746'	4 JSPF	64 holes
6-27-05	5458-5482'	4 JSPF	96 holes
6-27-05	5025-5050'	4 JSPF	100 holes
6-27-05	4867-4871'	4 JSPF	16 holes
6-27-05	4814-4824'	4 JSPF	40 holes
6-27-05	4726-4742'	4 JSPF	64 holes
6-27-05	4057-4062'	4 JSPF	20 holes

**NEWFIELD****Jonah Federal 13-14-9-16**

484' FSL & 688' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32696; Lease #UTU-096547

JONAH 5-14-9-16

Spud Date: 6/11/03

Put on Production: 3/10/04

GL: 5608' KB: 5620'
SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (301.85')

DEPTH LANDED: 311.85' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 134 jts. (5843.4')

DEPTH LANDED: 5843.4' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.

CEMENT TOP AT: 404'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 2 jts (64.63')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5673.88' KB

NO. OF JOINTS: 1 jts (32.32')

TUBING ANCHOR: 5638.76' KB

NO. OF JOINTS: 174 jts (5626.26')

TOTAL STRING LENGTH: EOT @ 5740'

SUCKER RODS

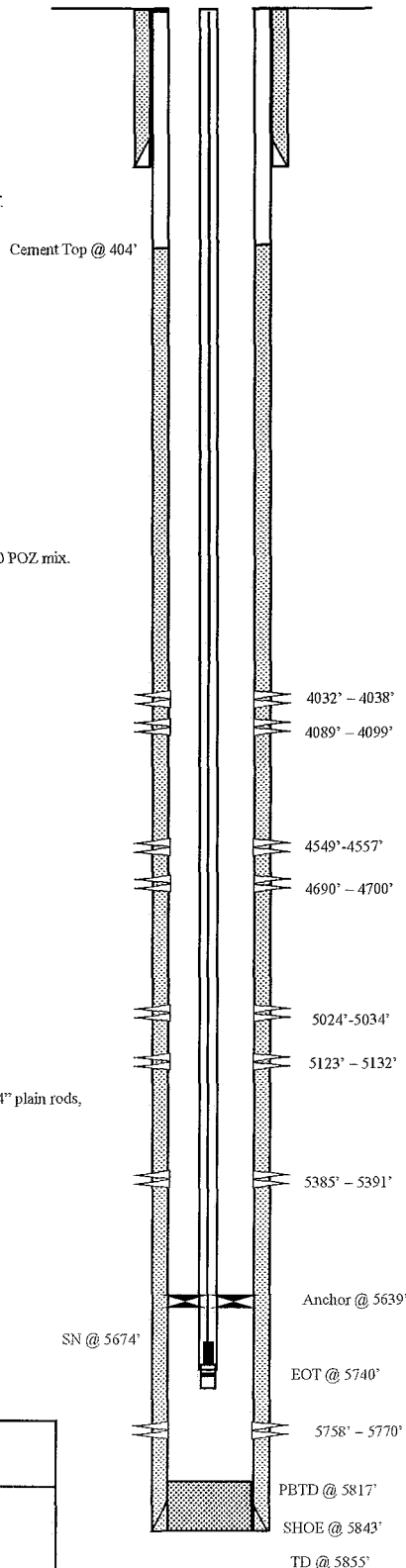
POLISHED ROD: 1-1/2" x 22'

SUCKER RODS: 6-1 1/2" weight rods, 30-3/4" guided rods; 91-3/4" plain rods, 100-3/4" guided rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC pump

STROKE LENGTH: 64"

PUMP SPEED, SPM: 4.5 SPM

Wellbore DiagramInitial Production: 70 BOPD,
35 MCFD, 17 BWPD**FRAC JOB**

3/3/04	5758' - 5770'	Frac CPS sands as follows: 35,816# 20/40 sand in 359 bbls lightning Frac 17 fluid. Treated @ avg press of 1890 psi w/avg rate of 24.8 BPM. ISIP 2165 psi. Calc flush: 5756 gal. Actual flush: 5754 gal.
3/3/04	5385' - 5391'	Frac CP .5 sands as follows: 19,441# 20/40 sand in 251 bbls lightning Frac 17 fluid. Treated @ avg press of 2425 psi w/avg rate of 24.7 BPM. ISIP 1865 psi. Calc flush: 5383 gal. Actual flush: 5376 gal.
3/3/04	5123' - 5132'	Frac LODC sands as follows: 39,816# 20/40 sand in 371 bbls lightning Frac 17 fluid. Treated @ avg press of 2742 psi w/avg rate of 24.7 BPM. ISIP 3220 psi. Calc flush: 5121 gal. Actual flush: 5124 gal.
3/3/04	5024' - 5034'	Frac A3 sands as follows: 39,550# 20/40 sand in 367 bbls lightning Frac 17 fluid. Treated @ avg press of 1996 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 5022 gal. Actual flush: 5040 gal.
3/3/04	4690' - 4700'	Frac C sands as follows: 49,590# 20/40 sand in 409 bbls lightning Frac 17 fluid. Treated @ avg press of 1771 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4688 gal. Actual flush: 4704 gal.
3/4/04	4549' - 4557'	Frac D1 sands as follows: 24,970# 20/40 sand in 267 bbls lightning Frac 17 fluid. Treated @ avg press of 2180 psi w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc flush: 4547 gal. Actual flush: 4536 gal.
3/4/04	4032' - 4099'	Frac GB4 and 6 sands as follows: 52,120# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1950 psi w/avg rate of 24.7 BPM. ISIP 1890 psi. Calc flush: 4030 gal. Actual flush: 3948 gal.
10/18/05		Tbg. Leak. Update tubing and rod Details.

PERFORATION RECORD

3/02/04	5758' - 5770'	4 JSPF	48 holes
3/03/04	5385' - 5391'	4 JSPF	24 holes
3/03/04	5123' - 5132'	4 JSPF	36 holes
3/03/04	5024' - 5034'	4 JSPF	40 holes
3/03/04	4690' - 4700'	4 JSPF	40 holes
3/03/04	4549' - 4557'	4 JSPF	32 holes
3/04/04	4089' - 4099'	4 JSPF	40 holes
3/04/04	4032' - 4038'	4 JSPF	24 holes

NEWFIELD

Jonah 5-14-9-16
 2028' FNL & 659' FWL
 SW/NW Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32336; Lease #UTU-096547

Jonah Federal 11-14-9-16

Spud Date: 5/25/05
 Put on Production: 6/24/05
 GL: 5621' KB: 5633'

Initial Production: 115 BOPD,
 15 MCFD, 114 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.17')
 DEPTH LANDED: 314.17' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5835.87')
 DEPTH LANDED: 5833.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 177 jts (5530.92')
 TUBING ANCHOR: 5542.92' KB
 NO. OF JOINTS: 2 jts (62.20')
 SN LANDED AT: 1.10' (5607.92')
 NO. OF JOINTS: 2 jts. (62.56')
 TOTAL STRING LENGTH: EOT @ 5672.03' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' pl rd
 SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" guided rods; 108-3/4" plain rods; 100-3/4" guided rods; 2-3/4" pony rods, 1-2"x3/4" pony rod,
 PUMP SIZE: 2-1/2" x 1-1/2" x 10"x14" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

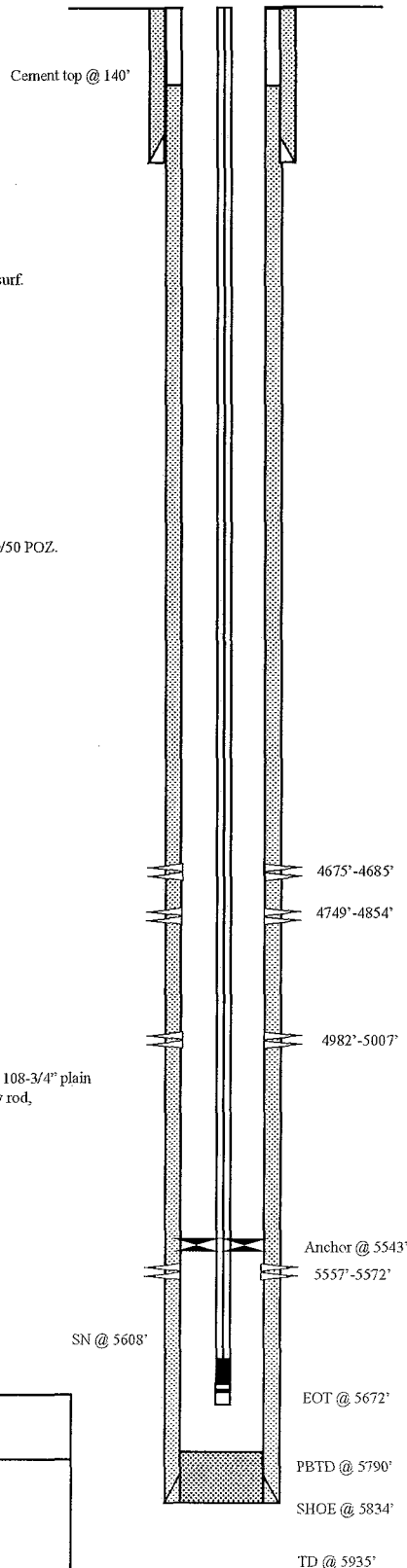
6/20/05 5557'-5572' **Frac CP3 sands as follows:**
 55,674# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 5555 gal. Actual flush: 5544 gal.


6/20/05 4982'-5007' **Frac A3 sands as follows:**
 95,489# 20/40 sand in 692 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 24.9 BPM. ISIP 2330 psi. Calc flush: 4980 gal. Actual flush: 4998 gal.

6/20/05 4675'-4754' **Frac C&B1 sands as follows:**
 62,157# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25 BPM. ISIP 1920 psi. Calc flush: 4673 gal. Actual flush: 4578 gal.

PERFORATION RECORD

6/14/05	5557'-5572'	4 JSPF	60 holes
6/20/05	4982'-5007'	4 JSPF	100 holes
6/20/05	4749'-4754'	4 JSPF	20 holes
6/20/05	4675'-4685'	4 JSPF	40 holes



NEWFIELD 
Jonah Federal 11-14-9-16 2030' FSL & 2160' FWL NE/SW Section 14-T9S-R16E Duchesne Co, Utah API #43-013-32681; Lease #UTU-096547

Jonah Federal 12-14-9-16

Spud Date: 5-28-05
Put on Production: 7-12-05

GL: 5682' KB: 5694'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302.88')
DEPTH LANDED: 314.73' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (5830.79')
DEPTH LANDED: 5844.04' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
CEMENT TOP AT: 250'

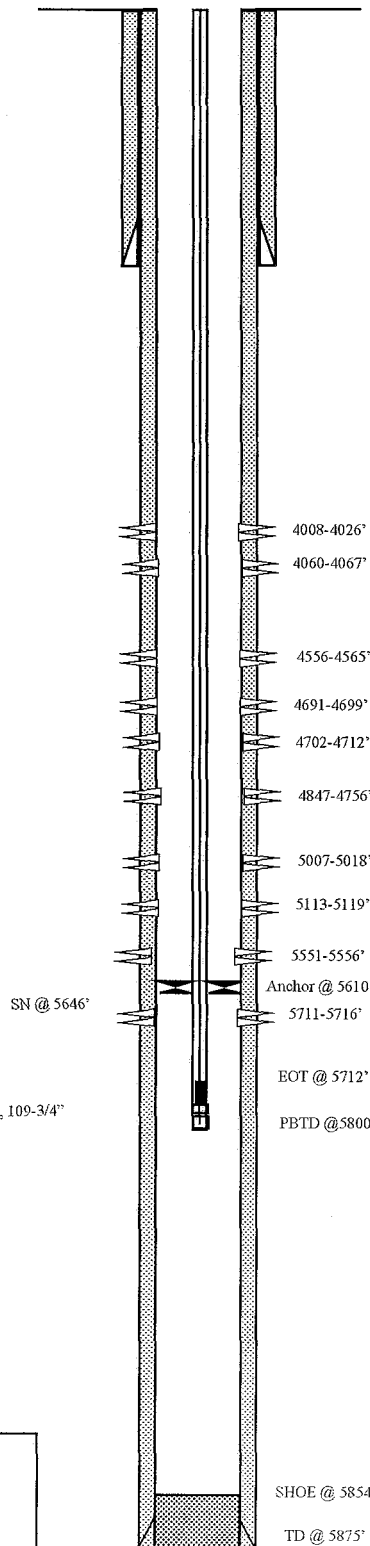
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5598.50')
TUBING ANCHOR: 5610.50' KB
NO. OF JOINTS: 1 jts (32.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5645.82' KB
NO. OF JOINTS: 2 jts (64.39')
TOTAL STRING LENGTH: EOT @ 5711.76' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-2', 8" x 3/4" ponies, 100- 3/4" scraped rods, 109-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 12"x15" RHAC w/ SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 6 SPM

Wellbore Diagram



Initial Production: BOPD 118,
MCFD 7, BWPD 139

FRAC JOB

6-30-05 5551-5716' **Frac CP3 & CP5 sand as follows:**
25908#s 20/40 sand in 306 bbls Lightning
17 frac fluid. Treated @ avg press of 1599 psi
w/avg rate of 25 BPM. ISIP 1775 psi. Calc
flush: 5549 gal. Actual flush: 5552 gal.

7-5-05 5007-5119' **Frac A1 & LODC sand as follows:**
45,085#s 20/40 sand in 409 bbls Lightning
17 frac fluid. Treated @ avg press of 1818 psi
w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc
flush: 5005 gal. Actual flush: 4788 gal.

7-6-05 **Frac B2**
Decision was made to skip Stage #3.

7-6-05 4691-4712' **Frac C, sand as follows:**
99846#s 20/40 sand in 706 bbls Lightning
17 frac fluid. Treated @ avg press of 1733 psi
w/avg rate of 25 BPM. ISIP 1750 psi. Calc
flush: 4689 gal. Actual flush: 4490 gal.

7-6-05 4556-4565' **Frac D1 sand as follows:**
54,984#s 20/40 sand in 446 bbls Lightning
17 frac fluid. Treated @ avg press of 1773 psi
w/avg rate of 25 BPM. ISIP 1820 psi. Calc
flush: 4554 gal. Actual flush: 4334 gal.

7-6-05 4008-4067' **Frac GB2 & GB4 sand as follows:**
60,730#s 20/40 sand in 457 bbls Lightning
17 frac fluid. Treated @ avg press of 1425 psi
w/avg rate of 25 BPM. ISIP 1650 psi. Calc
flush: 4006 gal. Actual flush: 3901 gal.

8-8-05 Pump Change. Update tubing and rod detail.

PERFORATION RECORD

Date	Interval	Tool	Holes
6-30-05	5551-5556'	4 JSPF	20 holes
6-30-05	5711-5716'	4 JSPF	20 holes
7-5-05	5007-5018'	4 JSPF	44 holes
7-2-05	5113-5556'	4 JSPF	24 holes
7-6-05	4847-4856'	4 JSPF	36 holes
7-6-05	4691-4699'	4 JSPF	32 holes
7-6-05	4702-4712'	4 JSPF	40 holes
7-6-05	4556-4565'	4 JSPF	36 holes
7-6-05	4060-4067'	4 JSPF	28 holes
7-6-05	4008-4026'	4 JSPF	72 holes

NEWFIELD

Jonah Federal 12-14-9-16
1816' FSL & 575' FWL
NW/SW Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32682; Lease #UTU-096547

Jonah Federal 13-14-9-16

Spud Date: 5/21/05
Put on Production: 7/1/05
GL: 5758' KB: 5780'

Initial Production: 171 BOPD,
14 MCFD, 151 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.95')
DEPTH LANDED: 313.95' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5923.19')
DEPTH LANDED: 5923.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts
TUBING ANCHOR: 5697' KB
NO. OF JOINTS: 2 jts
SN LANDED AT: 1.10'
NO. OF JOINTS: 1 jt.
TOTAL STRING LENGTH: EOT @ 5795' w/12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
SUCKER RODS: 1-8", 1-6", 1-4" X 3/4" pony rods, 1-3/4" slick rod, 99-3/4" guided rods, 112-3/4" slick rods, 10-3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: 2 1/2" x 1 1/2" x 10 x 14" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 6 SPM

FRAC JOB

6-27-05 5730-5746' **Frac CP5 sands as follows:**
58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.

6-27-05 5458-5482' **Frac CP1 sands as follows:**
78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.

6-27-05 5025-5050' **Frac A1/A3 sands as follows:**
108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.

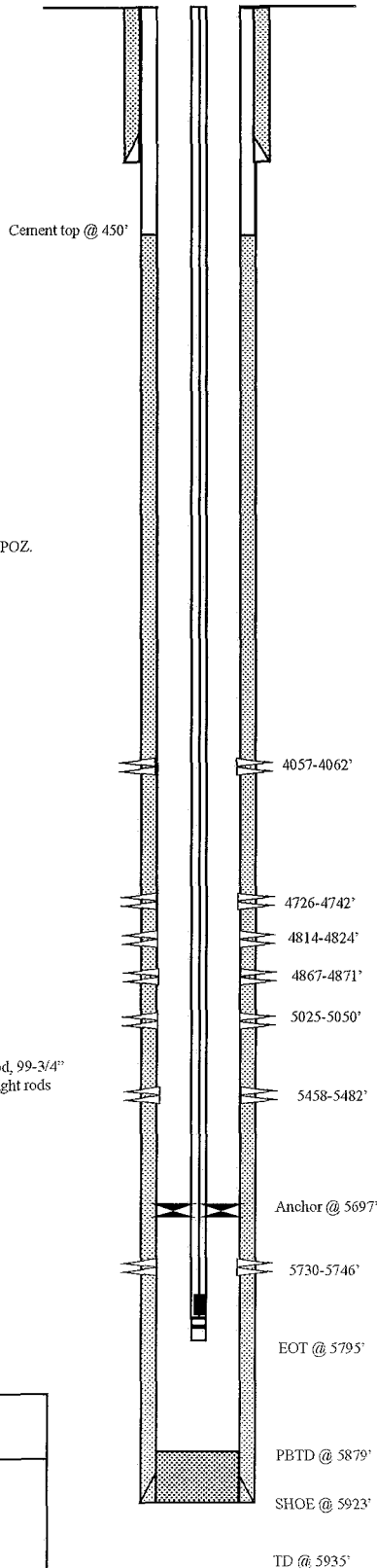
6-27-05 4814-4871' **Frac B2 & B1 sands as follows:**
43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.

6-27-05 4726-4742' **Frac C sands as follows:**
68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.

6-27-05 4057-4062' **Frac GB4 sands as follows:**
12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.

PERFORATION RECORD

6-22-05	5730-5746'	4 JSFP	64 holes
6-27-05	5458-5482'	4 JSFP	96 holes
6-27-05	5025-5050'	4 JSFP	100 holes
6-27-05	4867-4871'	4 JSFP	16 holes
6-27-05	4814-4824'	4 JSFP	40 holes
6-27-05	4726-4742'	4 JSFP	64 holes
6-27-05	4057-4062'	4 JSFP	20 holes



NEWFIELD

Jonah Federal 13-14-9-16

484' FSL & 688' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32696; Lease #UTU-096547

Jonah Federal 14-14-9-16

Spud Date: 10-11-05
Put on Production: 11-22-05

GL: 5740' KB: 5752'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.68')
DEPTH LANDED: 312.58' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 130 jts. (5761.28')
DEPTH LANDED: 5774.53' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 260'

TUBING

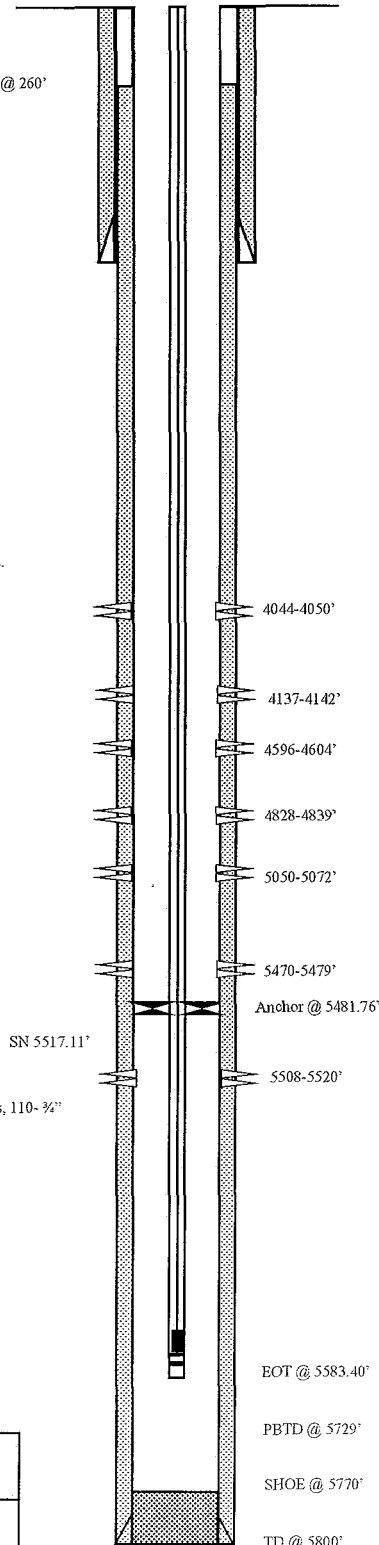
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5471.76')
TUBING ANCHOR: 5481.76' KB
NO. OF JOINTS: 1 jts (32.55')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5517.11' KB
NO. OF JOINTS: 2 jts (64.74')
TOTAL STRING LENGTH: EOT @ 5583.40' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-6" & 1-2" X 3/4" pony rods, 94- 3/4" scraped rods, 110- 3/4" plain rods, 10- 3/4" scraped rods 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 6 SPM

Wellbore Diagram

Cement top @ 260'

FRAC JOB

11-14-05 5470-5520' **Frac CP1, & CP2 sands as follows:**
30835# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 2008 psi w/avg rate of 25 BPM. ISIP 1850 psi. Calc flush: 5468 gal. Actual flush: 5460 gal.

11-15-05 5050-5072' **Frac A1 sands as follows:**
100886# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 5048 gal. Actual flush: 5082 gal.

11-15-05 4828-4839' **Frac B1 sands as follows:**
70362# 20/40 sand in 537 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 25.1 BPM. ISIP 2060 psi. Calc flush: 4826 gal. Actual flush: 4872 gal.

11-15-05 4596-4604' **Frac D1 sands as follows:**
28955# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 1758 w/ avg rate of 14.5 BPM. ISIP 1900 psi. Calc flush: 4594 gal. Actual flush: 4518 gal.

11-15-05 4044-4142' **Frac GB4, & GB6 sands as follows:**
31600# 20/40 sand in 333 bbls Lightning 17 frac fluid. Treated @ avg press of 1790 w/avg rate of 25.1 BPM. ISIP 1770 psi. Calc flush: 4042 gal. Actual flush: 3948 gal.

PERFORATION RECORD

11-10-05	5508-5520'	4 JSPF	48 holes
11-10-05	5470-5479'	4 JSPF	36 holes
11-14-05	5050-5072'	4 JSPF	88 holes
11-15-05	4828-4839'	4 JSPF	44 holes
11-15-05	4596-4604'	4 JSPF	32 holes
11-15-05	4137-4142'	4 JSPF	20 holes
11-15-05	4044-4050'	4 JSPF	24 holes

NEWFIELD

Jonah Federal 14-14-9-16

507' FSL & 1684' FWL

SE/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32697; Lease #UTU-96547

Jonah Federal 15-14-9-16

Spud Date: 5-4-05
Put on Production: 6-10-05

GL: 5631' KB: 5643'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302-46")
DEPTH LANDED: 314.31' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5888.88")
DEPTH LANDED: 5902.13' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
CEMENT TOP AT: 410'

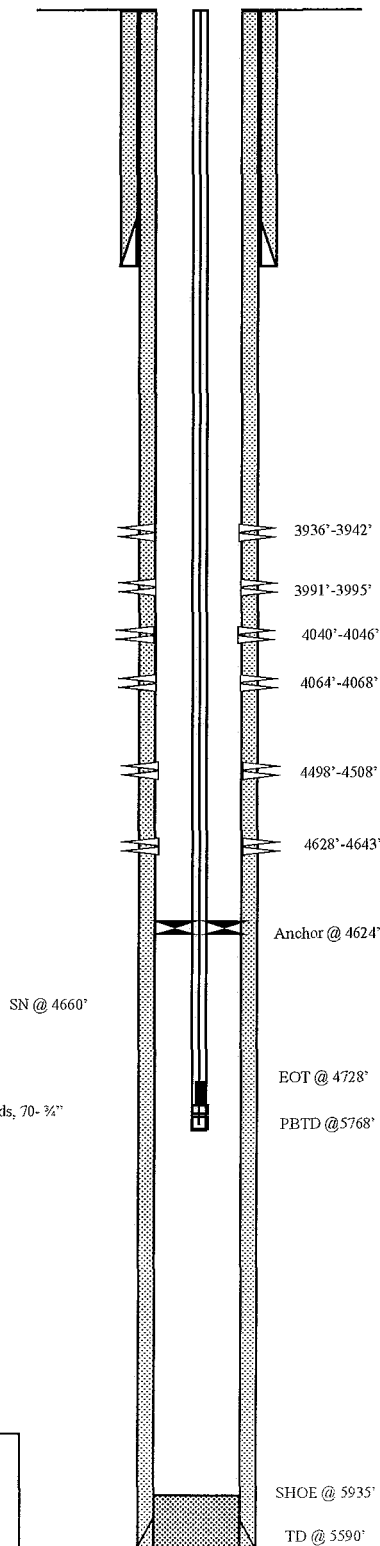
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 138 jts (4611.46")
TUBING ANCHOR: 4623.46' KB
NO. OF JOINTS: 1 jts (33.31")
SEATING NIPPLE: 2-7/8" (1.10")
SN LANDED AT: 4659.57' KB
NO. OF JOINTS: 2 jts (66.86")
TOTAL STRING LENGTH: EOT @ 4727.98' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22"
SUCKER RODS: 4', 4', 6', 8', x 3/4" pony rods, 99- 3/4" guided rods, 70- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" K-bars,
PUMP SIZE: 2-1/2" x 1-1/2" x 10" x 14' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

FRAC JOB

6-1-05' 4628-4643' **Frac C sand as follows:**
57,701#'s 20/40 sand in 427 bbls Lightning
17 frac fluid. Treated @ avg press of 2180 psi
w/avg rate of 24.5 BPM. ISIP 3700 psi.
Screened out short of flush.

6-2-05' 4498-4508' **Frac D1 sand as follows:**
69,795#'s 20/40 sand in 533 bbls Lightning
17 frac fluid. Treated @ avg press of 1589 psi
w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc
flush: 4496 gal. Actual flush: 4200 gal.

6-2-05' 4040-4068' **Frac GB6 sand as follows:**
28,155#'s 20/40 sand in 275 bbls Lightning
17 frac fluid. Treated @ avg press of 2233 psi
w/avg rate of 24.6 BPM. ISIP 3450 psi.
Screened out short of flush.

6-6-05' 3936-3942' **Frac GB2 & GB4 sand as follows:**
29,409#'s 20/40 sand in 300 bbls Lightning
17 frac fluid. Treated @ avg press of 1930 psi
w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc
flush: 3934 gal. Actual flush: 3881 gal.

PERFORATION RECORD

5-25-05	4628-4643'	4 JSPF	60 holes
6-2-05	4498-4508'	4 JSPF	40 holes
6-2-05	4040-4046'	4 JSPF	24 holes
6-2-05	4064-4068'	4 JSPF	16 holes
6-2-05	3991-3995'	4 JSPF	16 holes
6-2-05	3936-3942'	4 JSPF	24 holes

NEWFIELD

Ashley Federal 15-14-9-16
610' FSL & 2096' FEL
SW/SE Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32689; Lease #UTU-096547

Jonah Federal 9-15-9-16

Spud Date: 6-1-05
Put on Production: 7-7-05

GL: 5698' KB: 5710'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (302.72')
DEPTH LANDED: 314.57' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts (5836.02')
DEPTH LANDED: 5849.27' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 460'

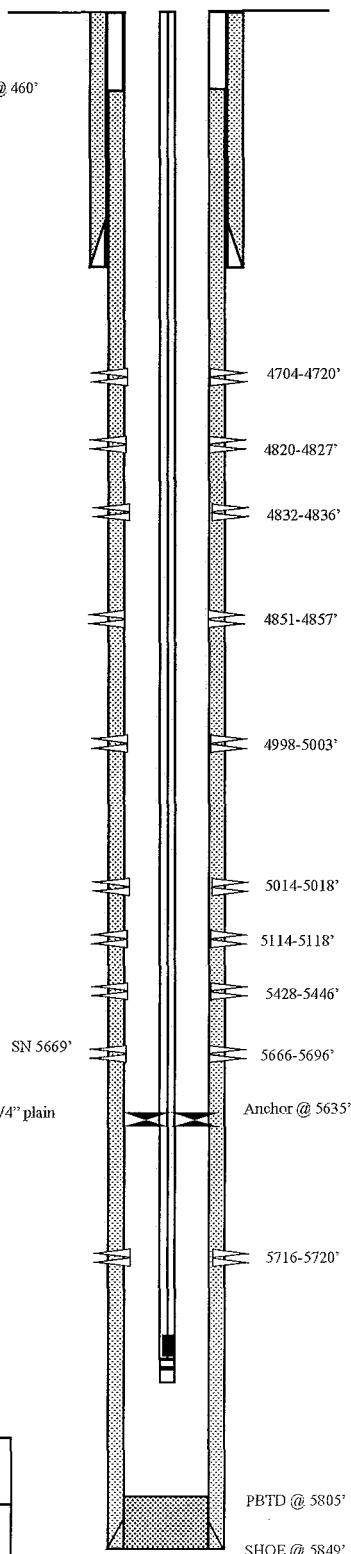
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 180 jts (5623.86')
TUBING ANCHOR: 5635.86' KB
NO. OF JOINTS: 1 jts (30.31')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5668.97' KB
NO. OF JOINTS: 2 jts (62.70')
TOTAL STRING LENGTH: EOT @ 5733.22' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2" x 3/4" pony rods, 100-3/4" scraped rods, 110-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

Wellbore Diagram

FRAC JOB

6-30-05 5666-5696' **Frac CP5 & CP4 sands as follows:**
70165# 20/40 sand in 559 bbls Lightning 17 frac fluid. Treated @ avg press of 1230 psi w/avg rate of 24.5 BPM. ISIP 1800 psi. Calc flush: 5664 gal. Actual flush: 5670 gal.

6-30-05 5428-5446' **Frac CP1 sands as follows:**
57169# 20/40 sand in 486 bbls Lightning 17 frac fluid. Treated @ avg press of 1346 psi w/avg rate of 24.5 BPM. ISIP 1900 psi. Calc flush: 5426 gal. Actual flush: 5418 gal.

1-7-05 4998-5118' **Frac LODC, A1, A3 sands as follows:**
34026# 20/40 sand in 343 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 24.5 BPM. ISIP 2500 psi. Calc flush: 5996 gal. Actual flush: 4738 gal.

7-1-05 4820-4857' **Frac B2 sands as follows:**
49623# 20/40 sand in 426 bbls Lightning 17 frac fluid. Treated @ ave. pressure of 1590 24.5 BPM. ISIP 2000 psi. Calc flush: 4818 gal. Actual flush: 4578 gal.

7-1-05 4704-4720' **Frac C sands as follows:**
88671# 20/40 sand in 632 bbls Lightning 17 frac fluid. 24.5 BPM. Treated @ ave. pressure of 1714 ISIP 2000 psi. Calc flush: 4402 gal. Actual flush: 4607 gal

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
6-24-05	5666-5696'	4 JSPP	120 holes
6-24-05	5716-5720'	4 JSPP	16 holes
6-30-05	5428-5446'	4 JSPP	72 holes
6-30-05	5114-5118'	4 JSPP	16 holes
6-30-05	5014-5018'	4 JSPP	16 holes
6-30-05	4998-5003'	4 JSPP	20 holes
7-1-05	4851-4857'	4 JSPP	24 holes
7-1-05	4832-4836'	4 JSPP	16 holes
7-1-05	4820-4827'	4 JSPP	28 holes
7-1-05	4704-4720'	4 JSPP	64 holes

NEWFIELD

Jonah Federal 9-15-9-16

1724' FSL & 782' FEL

NE/SE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-32683; Lease #UTU-017985

Jonah 15-15-9-16

Spud Date: 01/07/06
Put on Production: 02/07/06

GL: 5758' KB: 5770'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.55')
DEPTH LANDED: 323.40' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5874.99')
DEPTH LANDED: 5874.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

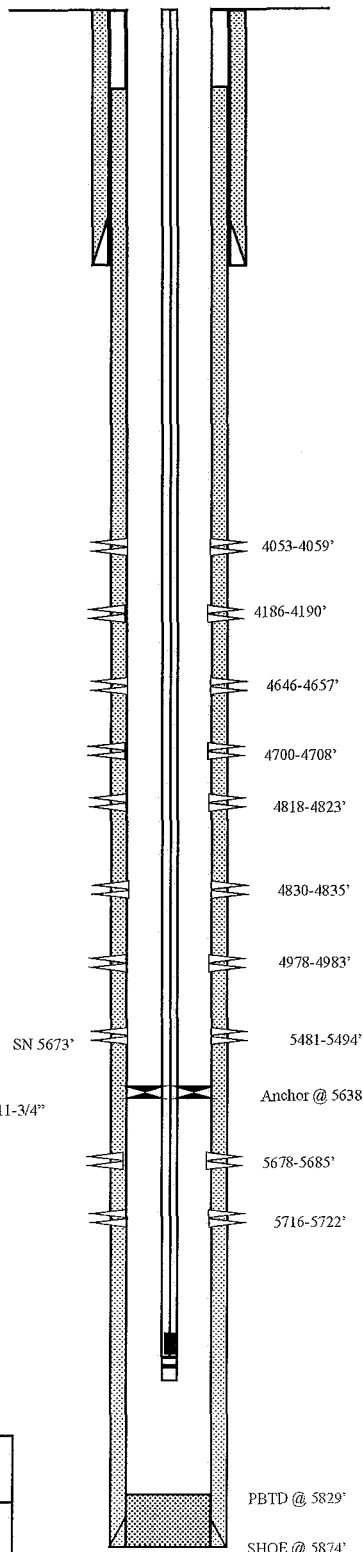
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5626.46')
TUBING ANCHOR: 5638.46' KB
NO. OF JOINTS: 2 jts (32.53')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5673.79' KB
NO. OF JOINTS: 2 jts (65.03')
TOTAL STRING LENGTH: EOT @ 5740.37' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2, 1-8" x 3/4" pony rod, 99-3/4" scraped rods, 111-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5.5 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

01/31/06 5678-5722' **Frac CP4, CP5 sands as follows:**
30113# 20/40 sand in 388 bbls Lightning 17 frac fluid. Treated @ avg press of 1859 psi w/avg rate of 25.2 BPM. ISIP 2050 psi. Calc flush: 5676 gal. Actual flush: 5141 gal.

01/31/06 5481-5494' **Frac CP2 sands as follows:**
50320# 20/40 sand in 436 bbls Lightning 17 frac fluid. Treated @ avg press of 1616 psi w/avg rate of 25.2 BPM. ISIP 1900 psi. Calc flush: 5479 gal. Actual flush: 4872 gal.

01/31/06 4978-4983' **Frac A3 sands as follows:**
19771# 20/40 sand in 295 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 25.3 BPM. ISIP 2150 psi. Calc flush: 4976 gal. Actual flush: 4452 gal.

01/31/06 4818-4835' **Frac B2 sands as follows:**
25033# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 1958 psi w/avg rate of 25 BPM. ISIP 1850 psi. Calc flush: 4816 gal. Actual flush: 4284 gal.

01/31/06 4646-4657' **Frac D3, C, sands as follows:**
98438# 20/40 sand in 701 bbls Lightning 17 frac fluid. Treated @ avg press of 2161 psi w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc flush: 4644 gal. Actual flush: 4074 gal.

02/01/06 4186-4190' **Frac PB7 sands as follows:**
19753# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2643 psi w/avg rate of 24.8 BPM. ISIP 2650 psi. Calc flush: 4184 gal. Actual flush: 3654 gal.

02/01/06 4053-4059' **Frac GB6 sands as follows:**
17961# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2240 psi w/avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4051 gal. Actual flush: 3948 gal.

PERFORATION RECORD

Date	Interval	Tool	Holes
01/27/06	5716-5722'	4 JSPF	24 holes
01/27/06	5678-5685'	4 JSPF	28 holes
01/31/06	5481-5494'	4 JSPF	52 holes
01/31/06	4978-4983'	4 JSPF	20 holes
01/31/06	4830-4835'	4 JSPF	20 holes
01/31/06	4818-4828'	4 JSPF	20 holes
01/31/06	4700-4708'	4 JSPF	32 holes
01/31/06	4646-4657'	4 JSPF	44 holes
01/31/06	4186-4190'	4 JSPF	16 holes
02/01/06	4053-4059'	4 JSPF	24 holes

NEWFIELD



Jonah 15-15-9-16

421' FSL & 1854' FEL

SW/SW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-32753; Lease #UTU-17985

Jonah Federal 16-15-9-16

Spud Date: 12/28/05
Put on Production: 02/02/06

GL: 5704' KB: 5716'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (315.16')
DEPTH LANDED: 327.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5818.63')
DEPTH LANDED: 5817.88' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

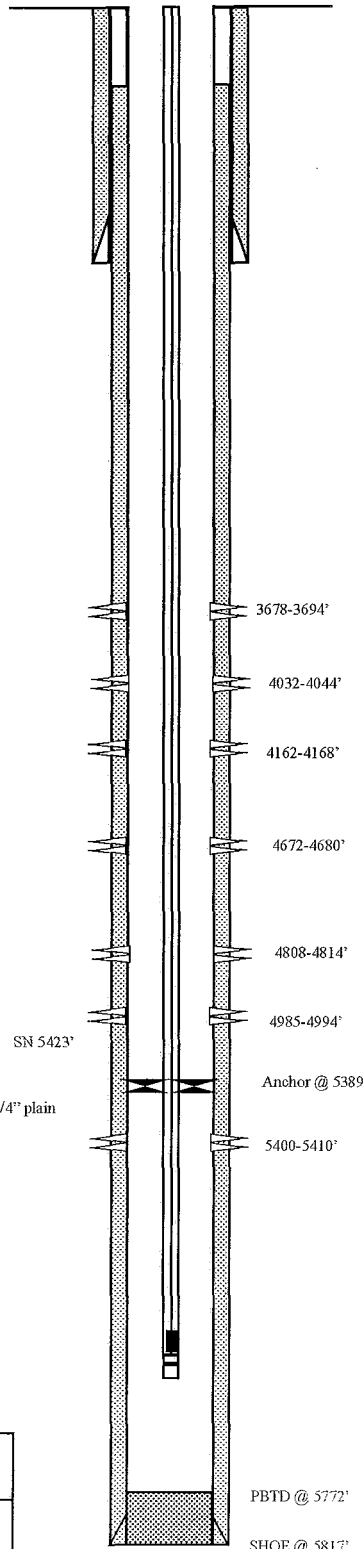
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169 jts (5377.82')
TUBING ANCHOR: 5389.82' KB
NO. OF JOINTS: 1 jts (31.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5423.92' KB
NO. OF JOINTS: 2 jts (64.41')
TOTAL STRING LENGTH: EOT @ 5489.88' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-6" x 3/4" pony rod, 99-3/4" scraped rods, 101-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5.5 SPM:

Wellbore Diagram




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

01/25/06	5400-5410'	Frac CP1 sands as follows: 14789# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 5398 gal. Actual flush: 4872 gal.
01/25/06	4985-4994'	Frac A3 sands as follows: 18508# 20/40 sand 284 bbls Lightning 17 frac fluid. Treated @ avg press of 1845 psi w/avg rate of 25.1 BPM. ISIP 1870 psi. Calc flush: 4983 gal. Actual flush: 4992 gal.
01/25/06	4808-4814'	Frac B2 sands as follows: 23613# 20/40 sand in 319 bbls Lightning 17 frac fluid. Treated @ avg press of 2375 psi w/avg rate of 25.1 BPM. ISIP 2600 psi. Calc flush: 4806 gal. Actual flush: 4284 gal.
01/25/06	4672-4680'	Frac C sands as follows: 61018# 20/40 sand in 480 bbls Lightning 17 frac fluid. Treated @ avg press of 2005 psi w/avg rate of 25 BPM. ISIP 2240 psi. Calc flush: 4670 gal. Actual flush: 4116 gal.
01/25/06	4032-4044'	Frac PB8, GB6 sands as follows: 29328# 20/40 sand in 330 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 psi w/avg rate of 25.1 BPM. ISIP 1835 psi. Calc flush: 4030 gal. Actual flush: 3486 gal.
01/25/06	3678-3694'	Frac GG sands as follows: 48534# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 25.1 BPM. ISIP 1840 psi. Calc flush: 3676 gal. Actual flush: 3570 gal.

PERFORATION RECORD

01/18/06	5400-5410'	4 JSPF	40 holes
01/25/06	4985-4994'	4 JSPF	36 holes
01/25/06	4808-4814'	4 JSPF	24 holes
01/25/06	4672-4680'	4 JSPF	32 holes
01/25/06	4162-4168'	4 JSPF	24 holes
01/25/06	4032-4044'	4 JSPF	48 holes
01/25/06	3678-3694'	4 JSPF	64 holes


Jonah Federal 16-15-9-16 512' FSL & 535' FEL SE/NE Section 24-T9S-R16E Duchesne Co, Utah API #43-047-32754; Lease #UTU-17985

Federal 1-22-9-16

Spud Date: 12-26-05
Put on Production: 01-19-06

GL: 5742' KB: 5754'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (315.48')
DEPTH LANDED: 327.33' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5871.28')
DEPTH LANDED: 5869.78' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 120'

TUBING

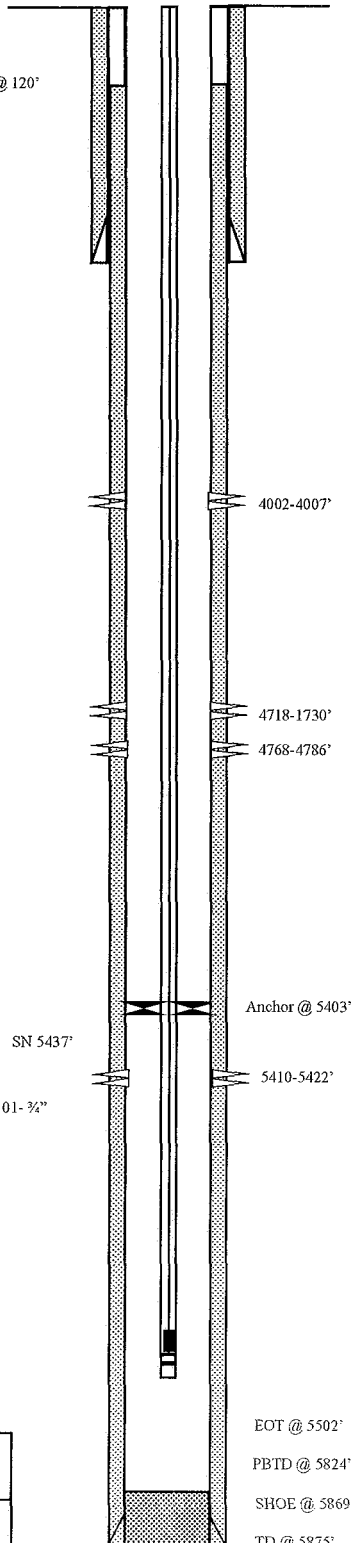
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5390.82')
TUBING ANCHOR: 5402.82' KB
NO. OF JOINTS: 1 jts (31.80')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5437.42' KB
NO. OF JOINTS: 2 jts (63.20')
TOTAL STRING LENGTH: EOT @ 5502.17' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4' & 1-2' 3/4" pony rods, 100- 3/4" scraped rods, 101- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
STROKE LENGTH: 64"
PUMP SPEED, SPM: 6 SPM

Wellbore Diagram

Cement top @ 120'



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB


01-16-06 5410-55422' **Frac CP2, sands as follows:**
45584# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 2087 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5408 gal. Actual flush: 4788 gal.

01-16-06 4718-4730' **Frac B2, & B1 sands as follows:**
124027# 20/40 sand in 851 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4716 gal. Actual flush: 4116 gal.

01-16-06 4002-4007' **Frac GB6 sands as follows:**
23163# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 14.5 BPM. ISIP 2080 psi. Calc flush: 4000 gal. Actual flush: 3877 gal.

PERFORATION RECORD

01-11-06	5410-5422'	4 JSPF	48 holes
01-16-06	4768-4786'	4 JSPF	72 holes
01-16-06	4718-4730'	4 JSPF	48 holes
01-16-06	4002-4007'	4 JSPF	20 holes

NEWFIELD 
Federal 1-22-9-16 887' FNL & 963' FEL NE/NE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-32612; Lease #UTU-74392

Attachment F
Page 1 of 6

Analytical Laboratory Report for:

NEWFIELD PRODUCTION COMPANY



Chemical Services

Account Representative:

Arnold, Joe

Production Water Analysis

Listed below please find water analysis report from: Johnson Water Line, JOHNSON STATION #2
CHARGE PUMP

Lab Test No: 2006400226

Sample Date:

01/17/2006

Specific Gravity: 1.001

TDS: 357

pH: 7.80

Cations:	mg/L	as:
Calcium	80.00	(Ca ⁺⁺)
Magnesium	24.00	(Mg ⁺⁺)
Sodium	0	(Na ⁺)
Iron	1.10	(Fe ⁺⁺)
Manganese	0.00	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	122	(HCO ₃ ⁻)
Sulfate	95	(SO ₄ ⁼)
Chloride	35	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	0	(H ₂ S)

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NEWFIELD PRODUCTION
COMPANY

Lab Test No: 2006400226

DownHole SATTM Scale Prediction
@ 60 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	1.01	.00108
Aragonite (CaCO ₃)	.876	-.0303
Witherite (BaCO ₃)	0	-4.93
Strontianite (SrCO ₃)	0	-1.54
Magnesite (MgCO ₃)	.202	-.693
Anhydrite (CaSO ₄)	.0236	-.314
Gypsum (CaSO ₄ *2H ₂ O)	.0481	-228.43
Barite (BaSO ₄)	0	-.0267
Celestite (SrSO ₄)	0	-44.65
Silica (SiO ₂)	0	-32.86
Brucite (Mg(OH) ₂)	< 0.001	-1.05
Magnesium silicate	0	-62.42
Siderite (FeCO ₃)	13.52	.215
Halite (NaCl)	0	-136333
Thenardite (Na ₂ SO ₄)	0	-33648
Iron sulfide (FeS)	0	-.0114

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

page 3 of 6

Analytical Laboratory Report for:

NEWFIELD PRODUCTION COMPANY



Chemical Services

Account Representative:
Arnold, Joe

Production Water Analysis

Listed below please find water analysis report from: Run B, JONAH 13-14-9-16 TREATER

Lab Test No: 2006400436

Sample Date:

02/07/2006

Specific Gravity: 1.011

TDS: 15764

pH: 9.40

Cations:	mg/L	as:
Calcium	24.00	(Ca ⁺⁺)
Magnesium	32.00	(Mg ⁺⁺)
Sodium	5842	(Na ⁺)
Iron	2.40	(Fe ⁺⁺)
Manganese	0.00	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	1464	(HCO ₃ ⁻)
Sulfate	300	(SO ₄ ⁼)
Chloride	8100	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	18	(H ₂ S)

Page 4 of 6

NEWFIELD PRODUCTION
COMPANY

Lab Test No: 2006400436

DownHole SAT™ Scale Prediction
@ 130 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	22.62	13.23
Aragonite (CaCO ₃)	18.8	13.07
Witherite (BaCO ₃)	0	-1.24
Strontianite (SrCO ₃)	0	-.304
Magnesite (MgCO ₃)	36.9	23.3
Anhydrite (CaSO ₄)	.00569	-579.1
Gypsum (CaSO ₄ *2H ₂ O)	.00495	-708.3
Barite (BaSO ₄)	0	-.207
Celestite (SrSO ₄)	0	-93.91
Silica (SiO ₂)	0	-80.58
Brucite (Mg(OH) ₂)	1.29	.314
Magnesium silicate	0	-125.33
Siderite (FeCO ₃)	982.23	.211
Halite (NaCl)	< 0.001	-188588
Thenardite (Na ₂ SO ₄)	< 0.001	-54350
Iron sulfide (FeS)	2140	.0459

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

DownHole SAT(tm)
MIXED WATER CHEMISTRY

Page 5 of 6

1) Johnson Water

2) Jonah 13-14-9-16

Report Date: 02-15-2006

CATIONS

Calcium (as Ca)	130.00
Magnesium (as Mg)	115.50
Barium (as Ba)	0.00
Strontium (as Sr)	0.00
Sodium (as Na)	2921
Iron (as Fe)	1.75
Manganese (as Mn)	0.00

ANIONS

Chloride (as Cl)	4279
Sulfate (as SO4)	197.50
Dissolved CO2 (as CO2)	3.78
Bicarbonate (as HCO3)	292.49
Carbonate (as CO3)	534.29
H2S (as H2S)	9.00

PARAMETERS

pH	9.37
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure(atm)	1.00
Calculated T.D.S.	8491
Molar Conductivity	11619

BJ Chemical Services
Roosevelt, Utah

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

Page 6 of 6

1) Johnson Water

2) Jonah 13-14-9-16

Report Date: 02-15-2006

SATURATION LEVEL

Calcite (CaCO3)	145.41
Aragonite (CaCO3)	120.89
Witherite (BaCO3)	0.00
Strontianite (SrCO3)	0.00
Magnesite (MgCO3)	153.36
Anhydrite (CaSO4)	0.0270
Gypsum (CaSO4*2H2O)	0.0236
Barite (BaSO4)	0.00
Magnesium silicate	0.00
Iron hydroxide (Fe(OH)3)	0.00666
Iron sulfide (FeS)	1204

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO3)	56.98
Aragonite (CaCO3)	56.63
Witherite (BaCO3)	-0.947
Strontianite (SrCO3)	-0.233
Magnesite (MgCO3)	48.93
Anhydrite (CaSO4)	-440.13
Gypsum (CaSO4*2H2O)	-537.03
Barite (BaSO4)	-0.213
Magnesium silicate	-116.20
Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	0.118

SIMPLE INDICES

Langelier	3.02
Stiff Davis Index	3.15

BOUND IONS

	TOTAL	FREE
Calcium	130.00	81.88
Barium	0.00	0.00
Carbonate	534.29	101.53
Phosphate	0.00	0.00
Sulfate	197.50	156.76

OPERATING CONDITIONS

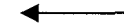
Temperature (°F)	130.00
Time (mins)	3.00

BJ Chemical Services
Roosevelt, Utah

Attachment "G"

**Jonah Federal #13-14-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5730	5746	5738	2200	0.82	2188
5458	5482	5470	2400	0.87	2388
5025	5050	5038	2300	0.89	2289
4814	4871	4843	2150	0.88	2140
4726	4742	4734	2100	0.88	2090
4057	4062	4060	1850	0.89	1841
				Minimum	<u>1841</u>



Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.005)) x Depth of Top Perf
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

NEWFIELD



Attachment G-1
page 1 of 6

DAILY COMPLETION REPORT

WELL NAME: Jonah 13-14-9-16 Report Date: 6-28-05 Day: 02a
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 5923' Csg PBTD: 5830'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 5	5730-46'	4/64

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jun-05 SITP: SICP: 310

Day 02a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 58,406#'s of 20/40 sand in 503 bbls of Lightning 17 frac fluid. Open well w/ 310 psi on casing. Perfs broke down @ 2852 psi, back to 1200 psi. Treated @ ave pressure of 1678 w/ ave rate of 25 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2200. 640 bbls EWTR. Leave pressure on well. See day2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137 Starting oil rec to date:
Fluid lost/recovered today: 503 Oil lost/recovered today:
Ending fluid to be recovered: 640 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail: CP5 sds down casing

Weatherford BOP	\$30
Weatherford Services	\$700
Betts frac water	\$1,000
NPC fuel gas	\$95
BJ Services CP5 sd	\$22,170
NPC Supervisor	\$50

4620 gals of pad

3000 gals w/ 1-5 ppg of 20/40 sand

6000 gals w/ 5-8 ppg of 20/40 sand

1794 gals w/ 8 ppg of 20/40 sand

Flush w/ 5712 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2290 Max Rate: 25 Total fluid pmpd: 503 bbls
Avg TP: 1678 Avg Rate: 25 Total Prop pmpd: 58,406#'s
ISIP: 2200 5 min: 10 min: FG: .82

Completion Supervisor: Ron Shuck

DAILY COST: \$24,045

TOTAL WELL COST: \$305,895



DAILY COMPLETION REPORT

WELL NAME: Jonah 13-14-9-16 Report Date: 6-28-05 Day: 02b
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 5923' Csg PBTD: 5830'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5580'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 5	5730-46'	4/64
CP1 sds	5458-5482'	4/96			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jun-05 SITP: SICP: 1430

Day02b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 9' perf gun. Set plug @ 5580'. Perforate CP1 sds @ 5458-5482' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 96 shots. RU BJ & frac stage #2 w/ 78,805#'s of 20/40 sand in 609 bbls of Lightning 17 frac fluid. Open well w/ 1430 psi on casing. Perfs broke down @ 4168 psi, back to 2050 psi. Treated @ ave pressure of 1654 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2400. 1249 bbls EWTR. Leave pressure on well. See day2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 640 Starting oil rec to date:
 Fluid lost/recovered today: 609 Oil lost/recovered today:
 Ending fluid to be recovered: 1249 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: CP1 sds down casing

Weatherford BOP	\$20
Weatherford Services	\$2,200
Betts frac water	\$1,315
NPC fuel gas	\$125
BJ Services CP1 sd	\$17,713
NPC Supervisor	\$50
Lone Wolf CP1 sds	\$4,028

6006 gals of pad

4000 gals w/ 1-5 ppg of 20/40 sand

8000 gals w/ 5-8 ppg of 20/40 sand

2112 gals w/ 8 ppg of 20/40 sand

Flush w/ 5462 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2171 Max Rate: 24.8 Total fluid pmpd: 609 bbls
 Avg TP: 1654 Avg Rate: 24.7 Total Prop pmpd: 78,805#'s
 ISIP: 2400 5 min: 10 min: FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: \$25,451
 TOTAL WELL COST: \$331,346



DAILY COMPLETION REPORT

WELL NAME: Jonah 13-14-9-16Report Date: 6-28-05Day: 02cOperation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 5923' Csg PBTD: 5830'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5150'
 Plug 5580'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 5	5730-46'	4/64
A1/A3 sds	5025-5050'	4/100			
CP1 sds	5458-5482'	4/96			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jun-05SITP: SICP: 1430

Day02c.

RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 5150'. Couldn't get down to shoot top 15'. Had to work chemical plug up & down well in-order to **finish perforating**. Perforate A1/A3 sds @ 5025-5050' w/ 4 spf for total of 100 shots. RU BJ & frac stage #3 w/ 108,479#'s of 20/40 sand in 876 bbls of Lightning 17 frac fluid. Open well w/ 1385 psi on casing. Perfs broke down @ 2979 psi. back to 1300 psi. Treated @ ave pressure of 1560 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2300. 2125 bbls EWTR. Leave pressure on well. **See day2d.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1249 Starting oil rec to date:
 Fluid lost/recovered today: 876 Oil lost/recovered today:
 Ending fluid to be recovered: 2125 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: A1 & A3 sds down casing

Weatherford BOP	\$30
Weatherford Services	\$2,200
Betts frac water	\$1,820
NPC fuel gas	\$175
BJ Services A1&A3	\$22,700
NPC Supervisor	\$50
Lone Wolf A1&A3 sd	\$4,028

8316 gals of pad5625 gals w/ 1-5 ppg of 20/40 sand11250 gals w/ 5-8 ppg of 20/40 sand6519 gals w/ 8 ppg of 20/40 sandFlush w/ 5082 gals of slick water****Flush called @ blender to include 2 bbls pump/line volume****Max TP: 1920 Max Rate: 24.9 Total fluid pmpd: 876 bblsAvg TP: 1560 Avg Rate: 24.7 Total Prop pmpd: 108,479#'sISIP: 2300 5 min: 10 min: FG: .89Completion Supervisor: Ron ShuckDAILY COST: \$31,003TOTAL WELL COST: \$362,349



DAILY COMPLETION REPORT

WELL NAME: Jonah 13-14-9-16 Report Date: 6-28-05 Day: 02d
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 5923' Csg PBTD: 5830'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4970'
 Plug 5580' 5150'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 5	5730-46'	4/64
B1 sds	4814-4824'	4/40			
B2 sds	4867-4871'	4/16			
A1/A3 sds	5025-5050'	4/100			
CP1 sds	5458-5482'	4/96			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jun-05 SITP: SICP: 1975

Day02d.

RU WLT. RIH w/ frac plug & 4',10' perf gun. Set plug @ 4970'. Perforate B2 sds @ 4867-4871' & B1 sds @ 4814-4824' w/ 4 spf for total of 56 shots. RU BJ & frac stage #4 w/ 43,548#'s of 20/40 sand in 339 bbls of Lightning 17 frac fluid. Open well w/ 1975 psi on casing. Perfs broke down @ 4156 psi, back to 1813 psi. Treated @ ave pressure of 1606 w/ ave rate of 24.6 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2150. 2464 bbls EWTR. Leave pressure on well. See day2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2125 Starting oil rec to date:
 Fluid lost/recovered today: 339 Oil lost/recovered today:
 Ending fluid to be recovered: 2464 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: B2 & B1 sds down casing

Weatherford BOP	\$20
Weatherford Services	\$2,200
Betts frac water	\$1,065
NPC fuel gas	\$100
BJ Services B1&B2sd	\$20,430
NPC Supervisor	\$50
Lone Wolf B1&B2 sd	\$4,028

3612 gals of pad

2819 gals w/ 1-5 ppg of 20/40 sand

2977 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 4872 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 1992 Max Rate: 24.9 Total fluid pmpd: 339 bbls
 Avg TP: 1606 Avg Rate: 24.6 Total Prop pmpd: 43,548#'s
 ISIP: 2150 5 min: 10 min: FG: .88

Completion Supervisor: Ron Shuck

DAILY COST: \$27,893
 TOTAL WELL COST: \$390,242



DAILY COMPLETION REPORT

WELL NAME: Jonah 13-14-9-16 Report Date: 6-28-05 Day: 02e
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 5923' Csg PBTD: 5830'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4790'
 Plug 5580' 5150' 4970'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 5	5730-46'	4/64
C sds	4726-4742'	4/64			
B1 sds	4814-4824'	4/40			
B2 sds	4867-4871'	4/16			
A1/A3 sds	5025-5050'	4/100			
CP1 sds	5458-5482'	4/96			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jun-05 SITP: SICP: 1617

Day02e.

RU WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 4790'. Perforate C sds @ 4726-4742' w/ 4 spf for total of 64 shots. RU BJ & frac stage #5 w/ 68,949#'s of 20/40 sand in 538 bbls of Lightning 17 frac fluid. Open well w/ 1617 psi on casing. Perfs broke down @ 4200 psi, back to 1739 psi. Treated @ ave pressure of 1590 w/ ave rate of 24.5 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2100. 3002 bbls EWTR. Leave pressure on well. See day2f.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2464 Starting oil rec to date:
 Fluid lost/recovered today: 538 Oil lost/recovered today:
 Ending fluid to be recovered: 3002 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: C sds down casing

COSTS

Weatherford BOP	\$20
Weatherford Services	\$2,200
Betts frac water	\$1,130
NPC fuel gas	\$105
BJ Services C sds	\$16,225
NPC Supervisor	\$50
Lone Wolf C sd	\$4,028

5418 gals of pad

3625 gals w/ 1-5 ppg of 20/40 sand

7250 gals w/ 5-8 ppg of 20/40 sand

1599 gals w/ 8 ppg of 20/40 sand

Flush w/ 4704 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2073 Max Rate: 24.9 Total fluid pumped: 538 bbls
 Avg TP: 1590 Avg Rate: 24.5 Total Prop pumped: 68,949#'s
 ISIP: 2150 5 min: 10 min: FG: .88

Completion Supervisor: Ron Shuck

DAILY COST: \$23,758
 TOTAL WELL COST: \$414,000



DAILY COMPLETION REPORT

WELL NAME: Jonah 13-14-9-16 Report Date: 6-28-05 Day: 02f
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 5923' Csg PBTD: 5830'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4160'
 Plug 5580' 5150' 4970' 4790'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4057-4062'	4/20	CP 5	5730- 46'	4/64
C sds	4726-4742'	4/64			
B1 sds	4814-4824'	4/40			
B2 sds	4867-4871'	4/16			
A1/A3 sds	5025-5050'	4/100			
CP1 sds	5458-5482'	4/96			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jun-05 SITP: SICP: 1975

Day02f.

RU WLT. RIH w/ frac plug & 5' perf gun. Set plug @ 4160'. Perforate GB4 sds @ 4057-4062' w/ 4 spf for total of 20 shots. RU BJ & frac stage #6 w/ 12,976#'s of 20/40 sand in 203 bbls of Lightning 17 frac fluid. Open well w/ 1575 psi on casing. Perfs broke down @ 1826 psi, back to 1820 psi. Treated @ ave pressure of 1956 w/ ave rate of 24.7 bpm w/ up to 8 ppg of sand. ISIP was 1850. 3205 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1750 psi w/ 12/64 choke. Well flowed for 5 hours & died w/ 300 bbls rec'd (9% of frac). SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3205 Starting oil rec to date:
 Fluid lost/recovered today: Oil lost/recovered today:
 Ending fluid to be recovered: Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: GB4 sds down casing

Weatherford BOP	\$20
Weatherford Services	\$2,200
Betts frac water	\$315
NPC fuel gas	\$30
BJ Services GB4 sds	\$7,555
NPC Supervisor	\$50
Lone Wolf GB4 sd	\$3,000
Bets water transfer	\$400
flow back hand	\$120

5418 gals of pad

3625 gals w/ 1-5 ppg of 20/40 sand

7250 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 4704 gals of slick water

Max TP: 2073 Max Rate: 24.9 Total fluid pmpd: 538 bbls
 Avg TP: 1590 Avg Rate: 24.5 Total Prop pmpd: 68,949#'s
 ISIP: 2150 5 min: 10 min: FG: .88
 Completion Supervisor: Ron Shuck

DAILY COST: \$13,690
 TOTAL WELL COST: \$427,690

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3962'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. RU perforators and perforate w/4 JSPF @ 364.
5. Plug #3 Circulate 114 sx Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus to surface.

The approximate cost to plug and abandon this well is \$33,025.

Jonah Federal 13-14-9-16

Spud Date: 5/21/05
 Put on Production: 7/1/05
 GL: 5758' KB: 5780'

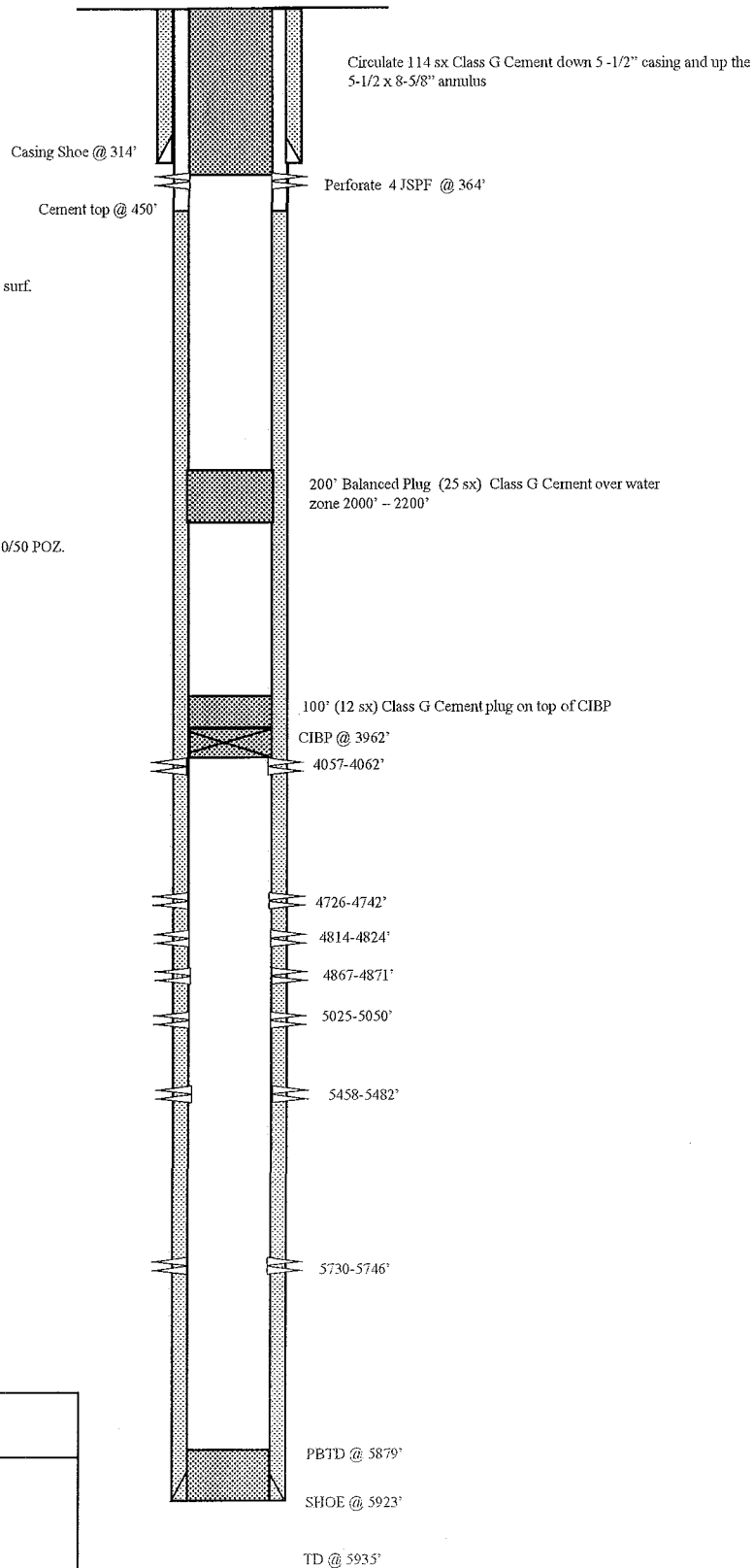
Initial Production: 171 BOPD,
 14 MCFD, 151 BWPD

Proposed P & A
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.95')
 DEPTH LANDED: 313.95' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5925.19')
 DEPTH LANDED: 5923.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 450'



NEWFIELD

Jonah Federal 13-14-9-16

484' FSL & 688' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32696; Lease #UTU-096547

**NOTICE OF AGENCY
ACTION
CAUSE NO. UIC 331**

BEFORE THE DIVISION OF OIL,
GAS AND MINING, DEPARTMENT
OF NATURAL RESOURCES, STATE
OF UTAH

IN THE MATTER OF THE APPLI-
CATION OF Newfield Production Com-
pany FOR ADMINISTRATIVE AP-
PROVAL OF THE South Wells Draw 13-
3-9-16, South Wells Draw 11-3-9-16, Jonah
Federal 15-12-9-16, Jonah Federal 9-14-
9-16, Jonah Federal 11-14-9-16, Jonah
Federal 13-14-9-16, Jonah Federal 15-14-
9-16, Jonah Federal 9-15-9-16, Jonah 5-
14-9-16, Jonah 7-14-9-16 WELLS LO-
CATED IN SECTIONS 3, 12, 14, & 15,
TOWNSHIP 9 South, RANGE 16 East,
Duchesne COUNTY, UTAH, AS A
CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL
PERSONS INTERESTED IN THE
ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the South Wells Draw 13-3-9-16, South Wells Draw 11-3-9-16, Jonah Federal 15-12-9-16, Jonah Federal 9-14-9-16, Jonah Federal 11-14-9-16, Jonah Federal 13-14-9-16, Jonah Federal 15-14-9-16, Jonah Federal 9-15-9-16, Jonah 5-14-9-16, Jonah 7-14-9-16 wells, located in Sections 3, 12, 14, 15, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of May, 2006.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

Published in the Uintah Basin Standard
May 16, 2006.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 19, 2006

Newfield Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Jonah Unit Well: Jonah Federal 13-14-9-16, Section 14, Township 9
South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton

NEWFIELD



March 10, 2006

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Jonah Federal #13-14-9-16
Monument Butte Field, Jonah Unit, Lease #UTU-096547
Section 14 -Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #13-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Jonah Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

David Gerbig
Operations Engineer

RECEIVED
MAR 29 2006

DIV. OF OIL, GAS & MINING



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 19, 2006

Newfield Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Jonah Unit Well: Jonah Federal 13-14-9-16, Section 14, Township 9
South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton



October 27, 2008

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT
Jonah 13-14-9-16
Sec.14, T9S, R16E
API #43-013-32696

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was performed. Please find enclosed the sundry, a copy of the tabular, work detail and chart. If you have any questions, please contact me at 435-646-4848.

Sincerely,

A handwritten signature in cursive script that reads "Callie Ross".

Callie Ross
Production Clerk

RECEIVED
OCT 29 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-096547
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 484 FSL 688 FWL		8. WELL NAME and NUMBER: JONAH FEDERAL 13-14-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 14, T9S, R16E		9. API NUMBER: 4301332696
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

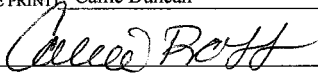
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/20/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/22/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/24/08. On 10/24/08 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 560 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)
API # 43-013-32696

NAME (PLEASE PRINT) <u>Callie Duncan</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u></u>	DATE <u>10/27/2008</u>

(This space for State use only)

RECEIVED

OCT 29 2008

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 10/23/08 Time 1000 ampm

Test Conducted by: Alfredo Rios

Others Present: _____

Well: Jonah Federal 13-14-9-16

Field: Monument Butte

Well Location: SW/SW Sec 14, T9S, R16E
Duchesne County, Utah
UtH-096547

API No: 43-013-32696

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1330</u>	psig
5	<u>1330</u>	psig
10	<u>1330</u>	psig
15	<u>1330</u>	psig
20	<u>1330</u>	psig
25	<u>1330</u>	psig
30 min	<u>1330</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 560 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]

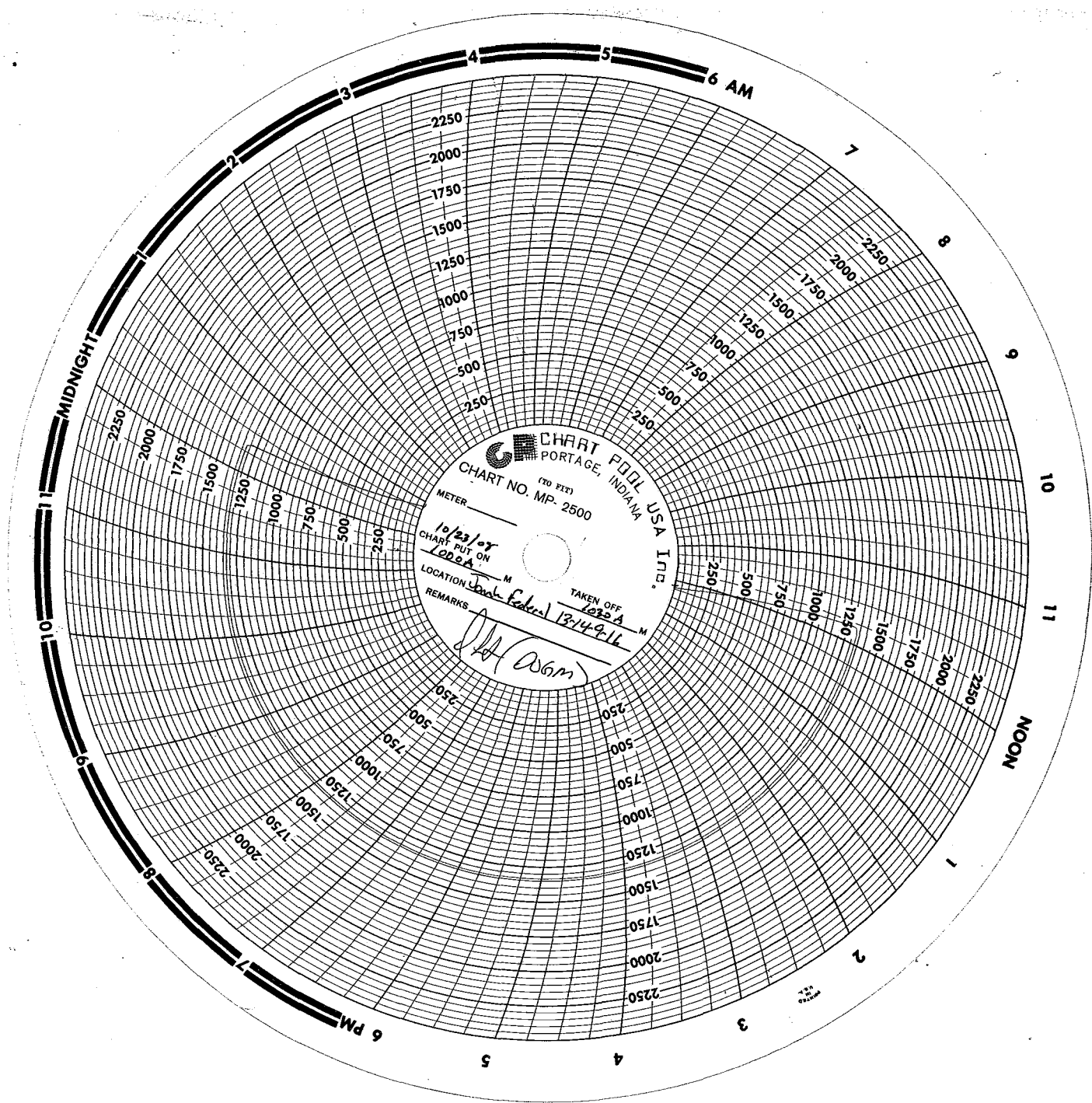


CHART
PORTAGE, INDIANA
CHART NO. MP. 2500
(70 FT)

METER _____
10/23/07
CHART PUT ON 1020A
LOCATION Chickadee Federal M
TAKEN OFF 1020A M
REMARKS 13-4-9-16
24 (206m)

JONAH 13-14-9-16
8/1/2008 To 12/30/2008

10/17/2008 Day: 1**Conversion**

Stone #5 on 10/16/2008 - MIRUSU. Pump 80 bbls water down casing @ 200°. Soft seat pump. Test tbg to 3000 psi. Unseat pump. Flush rods w/ 60 bbls water. TOOH w/ rods laying down on trailer. Released TA. RU BOP's. TOOH w/ tbg breaking every collar & inspecting, doping w/ liquid o-ring & tally out. SIFN.

10/18/2008 Day: 2**Conversion**

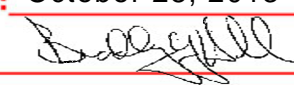
Stone #5 on 10/17/2008 - Replaced 15 collars. TIH w/ Arrow Set 1 Injection packer w/ wire line entry guide, SN, 156 jts tbg. Tested tbg 3 time on TIH. Fish standin valve. RD BOP's. Pump 75 bbls packer fluid. Set Packer. Test casing to 1460. Leave pressure over night. SIFN.

10/21/2008 Day: 3**Conversion**

Stone #5 on 10/20/2008 - Check pressure on well. RDMOSU. Well ready for MIT.


10/24/2008 Day: 4**Conversion**

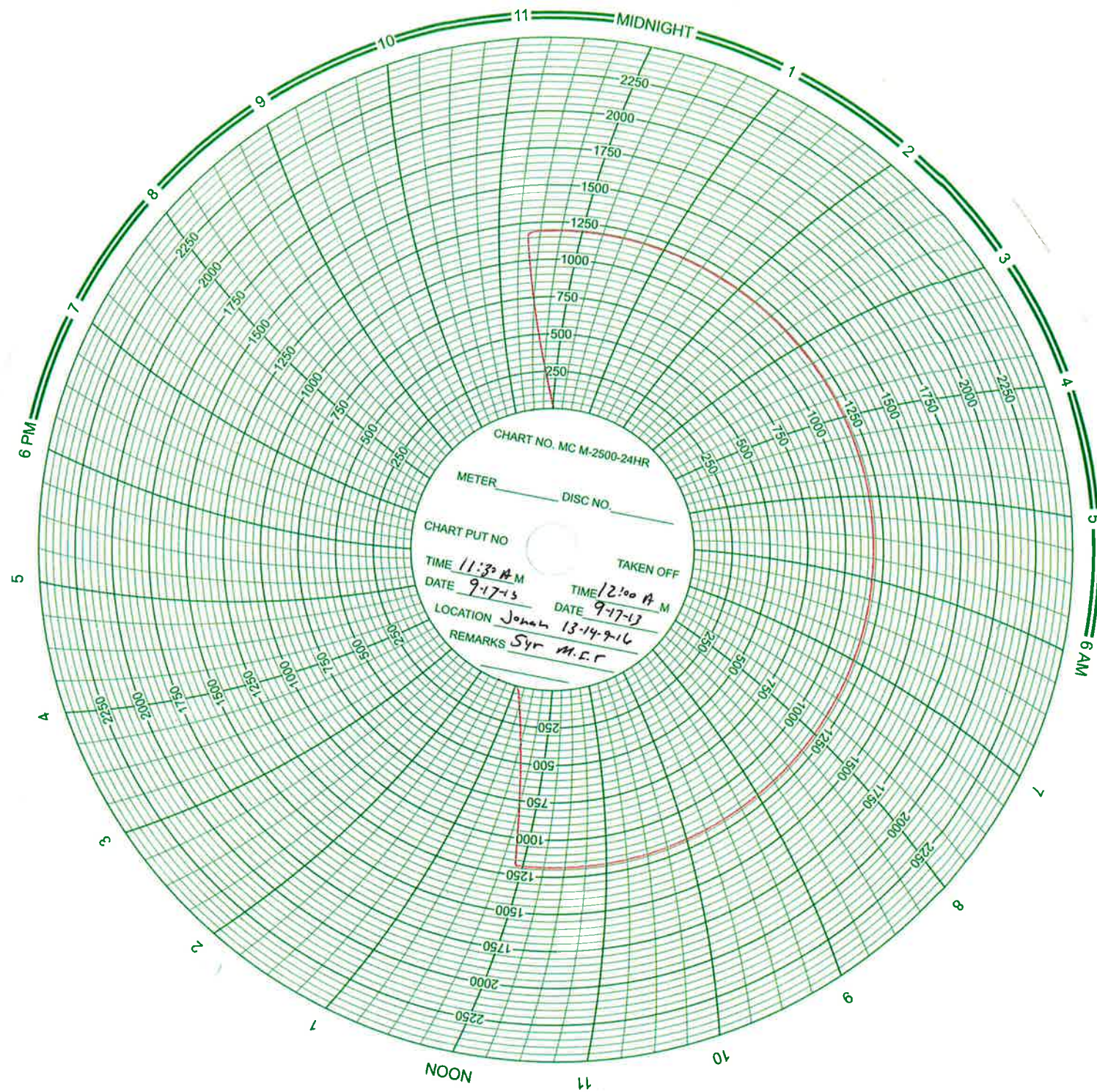
Rigless on 10/23/2008 - On 10/22/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Jonah 13-14-9-16). Permission was given at that time to perform the test on 10/24/08. On 10/24/08 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 560 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-32696

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED 13-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0484 FSL 0688 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326960000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/17/2013	<input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 09/16/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/17/2013 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1730 psig during the test. There was a State representative available to witness the test - Chris Jensen		
Approved by the Utah Division of Oil, Gas and Mining Date: October 28, 2013 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/19/2013	

Casing or Annulus Pressure Test**Newfield Production Company****Rt. 3 Box 3630****Myton, UT 84052****435-646-3721****Witness:****Date** 9/17/12**Time** 11:30**am pm****Test Conducted by:**Riley B. B. B.**Others Present:****Well:** Jonah 13-14-9-16**Field:** Monument Butte**Well Location:** Jonah 13-14-9-16**API No:** 4301332696

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1180</u>	psig
5	<u>1180</u>	psig
10	<u>1180</u>	psig
15	<u>1180</u>	psig
20	<u>1180</u>	psig
25	<u>1180</u>	psig
30 min	<u>1180</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1730 psig**Result:****Pass****Fail****Signature of Witness:****Signature of Person Conducting Test:**



Jonah Federal 13-14-9-16

Spud Date: 5/21/05
Put on Production: 7/1/05
GL: 5758' KB: 5780'

Initial Production: 171 BOPD,
14 MCFD, 151 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.95')
DEPTH LANDED: 313.95' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

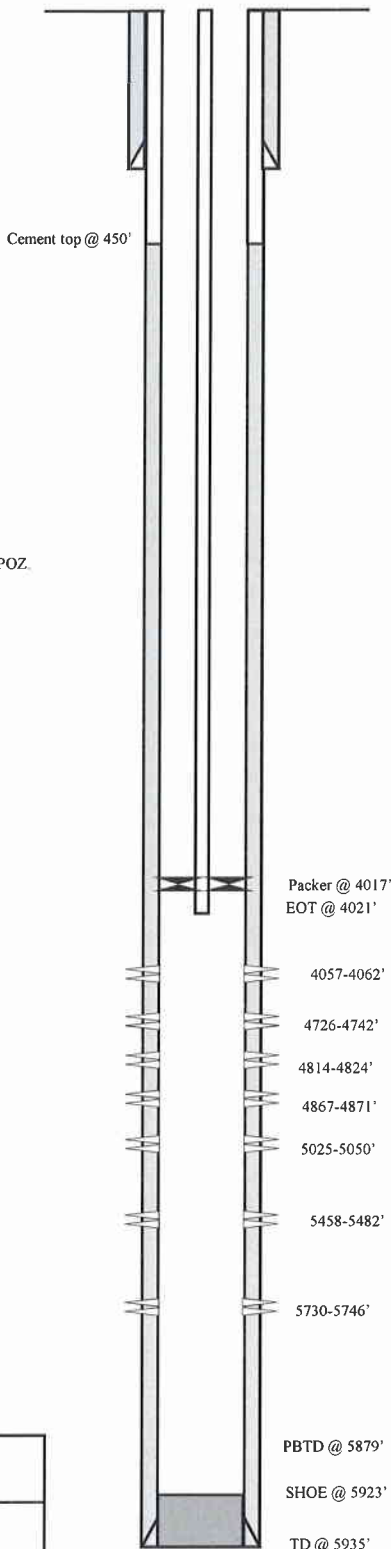
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts (5925.19')
DEPTH LANDED: 5923.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem, Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 123 jts (4001.11')
SN LANDED AT: 1 10' @ 4014.21'
CE @ 4017.51'
TOTAL STRING LENGTH: EOT @ 4021.58' w/12' KB

Injection Wellbore Diagram



FRAC JOB

6-27-05	5730-5746'	Frac CP5 sands as follows: 58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.
6-27-05	5458-5482'	Frac CP1 sands as follows: 78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.
6-27-05	5025-5050'	Frac A1/A3 sands as follows: 108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.
6-27-05	4814-4871'	Frac B2 & B1 sands as follows: 43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.
6-27-05	4726-4742'	Frac C sands as follows: 68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.
6-27-05	4057-4062'	Frac GB4 sands as follows: 12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.
07/07/06		Pump Change: Updated rod and tbg detail
01-09-07		Pump Change: Updated rod and tbg detail
10/20/08		Convert to Injection well
10/24/08		MIT Completed - tbg detail updted

PERFORATION RECORD

6-22-05	5730-5746'	4 JSPF	64 holes
6-27-05	5458-5482'	4 JSPF	96 holes
6-27-05	5025-5050'	4 JSPF	100 holes
6-27-05	4867-4871'	4 JSPF	16 holes
6-27-05	4814-4824'	4 JSPF	40 holes
6-27-05	4726-4742'	4 JSPF	64 holes
6-27-05	4057-4062'	4 JSPF	20 holes

NEWFIELD

Jonah Federal 13-14-9-16

484' FSL & 688' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32696; Lease #UTU-096547